

INSTALLATION RESTORATION PROGRAM

PRELIMINARY ASSESSMENT/ SITE INSPECTION REPORT

VOLUME II APPENDICES A-D

104th AIR CONTROL SQUADRON
COOS HEAD AIR NATIONAL GUARD STATION
OREGON AIR NATIONAL GUARD
COOS BAY, OREGON

NOVEMBER 1995



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6. AUTHOR(S) OPTECH INC.				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) ANG AIR NATIONAL GUARD/CIVIL ENGINEERING ENVIRONMENTAL RESTORATION 3500 FETCHET AVE R-47 ANDREWS AFB, MD 20762-5157			8. PERFORMING ORGANIZATION REPORT NUMBER	
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<div style="border: 1px solid black; padding: 5px; text-align: center;"> DISTRIBUTION STATEMENT A Approved for public release Distribution Unlimited </div>				
13. ABSTRACT (Maximum 200 words) The Preliminary Assessment involved interviewing Coos Head employees (current & former) to determine the extent of use and disposal of hazardous materials + waste. The Site Investigation involved field investigation of areas determined to be of concern due to use and disposal of hazardous materials/wastes. Two areas of concern will further be investigated (AOC C+K).				
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COOS BAY, OREGON**

NOVEMBER 1995

Prepared For
**HQ ANG/CEVR
ANDREWS AFB, MARYLAND**

Prepared By **DTIC QUALITY INSPECTED 3**
**Operational Technologies Corporation
4100 N.W. Loop 410, Suite 230
San Antonio, Texas 78229-4253
(210) 731-0000**

APPENDIX A
SOIL VAPOR SURVEY RESULTS

AIR NATIONAL GUARD PROJECT
Coos Bay, Oregon
Operational Technologies Corporation, Inc.

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020); Total Petroleum Hydrocarbons in Soil Vapor

Sample-Number	MDL	Method Blank	OWD-01	OWD-02	OWD-03	OWD-04	OWD-05
Date		11/03/94 ppmv	11/03/94 ppmv	11/03/94 ppmv	11/03/94 ppmv	11/03/94 ppmv	11/03/94 ppmv
1,1 Dichloroethene	0.01	nd	nd	nd	nd	nd	nd
1,2 Dichloroethene	0.01	nd	nd	nd	nd	nd	nd
Benzene	0.01	nd	nd	nd	nd	nd	nd
Trichloroethene	0.01	nd	nd	nd	nd	nd	nd
Toluene	0.01	nd	nd	nd	nd	nd	nd
Cis Dichloropropene	0.01	nd	nd	nd	nd	nd	nd
Trans Dichloropropene	0.01	nd	nd	nd	nd	nd	nd
Tetrachloroethene	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.01	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.01	nd	nd	nd	nd	nd	nd
Total Xylenes	0.01	nd	nd	nd	nd	nd	nd
1,3 Dichlorobenzene	0.01	nd	nd	nd	nd	nd	nd
1,4 Dichlorobenzene	0.01	nd	nd	nd	nd	nd	nd
1,2 Dichlorobenzene	0.01	nd	nd	nd	nd	nd	nd
1,1 Dichloroethane	0.01	nd	nd	nd	nd	nd	nd
1,2 Dichloroethane	0.01	nd	nd	nd	nd	nd	nd
Chloroform	0.01	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.01	nd	nd	nd	nd	nd	nd
1,1,1 Trichloroethane	0.01	nd	nd	nd	nd	nd	0.85
1,1,2 Trichloroethane	0.01	nd	nd	nd	nd	nd	nd
Tetrachloroethane	0.01	nd	nd	nd	nd	nd	nd
TPH	1	nd	3	nd	9	3	2
Methane	1	5	17	1	68	18	15

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

AIR NATIONAL GUARD PROJECT
Coos Bay, Oregon
Operational Technologies Corporation, Inc.

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020); Total Petroleum Hydrocarbons in Soil Vapor

Sample-Number	MDL	OWD-05 Dup	OWD-06
Date		11/03/94 ppmv	11/03/94 ppmv
1,1 Dichloroethene	0.01	nd	nd
1,2 Dichloroethene	0.01	nd	nd
Benzene	0.01	nd	nd
Trichloroethene	0.01	nd	nd
Toluene	0.01	nd	nd
Cis Dichloropropene	0.01	nd	nd
Trans Dichloropropene	0.01	nd	nd
Tetrachloroethene	0.01	nd	nd
Chlorobenzene	0.01	nd	nd
Ethylbenzene	0.01	nd	nd
Total Xylenes	0.01	nd	nd
1,3 Dichlorobenzene	0.01	nd	nd
1,4 Dichlorobenzene	0.01	nd	nd
1,2 Dichlorobenzene	0.01	nd	nd
1,1 Dichloroethane	0.01	nd	nd
1,2 Dichloroethane	0.01	nd	nd
Chloroform	0.01	nd	nd
Carbon Tetrachloride	0.01	nd	nd
1,1,1 Trichloroethane	0.01	0.04	1.41
1,1,2 Trichloroethane	0.01	nd	nd
Tetrachloroethane	0.01	nd	nd
TPH	1	nd	4
Methane	1	8	60

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.

Page 1

AIR NATIONAL GUARD PROJECT
Coos Bay, Oregon
Operational Technologies Corporation, Inc.

Total Volatile Hydrocarbon (EPA 8015) And BTEX (EPA 8020) Analyses for Soil Vapor

Sample Number	Date Analyzed	Benzene ppmv	Toluene ppmv	Eth Benz ppmv	Xylene ppmv	TVH ppmv	Methane ppmv
Meth. Blank	11/02/94	nd	nd	nd	nd	nd	3
Probe Blank	11/02/94	nd	nd	nd	nd	nd	3
FTA-01	11/02/94	nd	nd	nd	nd	nd	20
FTA-02	11/02/94	nd	nd	nd	nd	nd	11
FTA-03	11/02/94	nd	nd	nd	nd	nd	4
FTA-04	11/02/94	nd	nd	nd	nd	2	2
FTA-05	11/02/94	nd	nd	nd	nd	nd	60
FTA-05 Dup	11/02/94	nd	nd	nd	nd	nd	48
FTA-06	11/02/94	nd	nd	nd	nd	nd	602
FTA-07	11/02/94	nd	nd	nd	nd	2	37
FTA-08	11/02/94	nd	nd	nd	nd	1	36
FTA-09	11/02/94	nd	nd	nd	nd	1	8
FTA-10	11/02/94	nd	nd	nd	nd	nd	3
FTA-11	11/02/94	nd	nd	nd	nd	nd	1
FTA-12	11/02/94	nd	nd	nd	nd	1	6
FTA-13	11/02/94	nd	nd	nd	nd	2	23
FTA-13Dup	11/02/94	nd	nd	nd	nd	2	20
FTA-14	11/02/94	nd	nd	nd	nd	2	7
FTA-15	11/02/94	nd	nd	nd	nd	1	17
FTA-16	11/02/94	nd	nd	nd	nd	2	18
FTA-17	11/02/94	nd	nd	nd	nd	5	32
FTA-18	11/02/94	nd	nd	nd	nd	1	8
FTA-19	11/02/94	nd	nd	nd	nd	3	23
FTA-20	11/02/94	nd	nd	nd	nd	nd	2
FTA-20 Dup	11/02/94	nd	nd	nd	nd	nd	2
FTA-21	11/02/94	nd	nd	nd	nd	nd	2
FTA-22	11/02/94	nd	nd	nd	nd	1	5
FTA-23	11/02/94	nd	nd	nd	nd	9	42
FTA-24	11/02/94	nd	nd	nd	nd	6	34
FTA-24 Dup	11/02/94	nd	nd	nd	nd	6	24
FTA-25	11/02/94	nd	nd	nd	nd	nd	5
DETECTION LIMITS		0.01	0.01	0.01	0.01	1	1

"nd" Indicates NOT DETECTED at the Listed Detection Limits

"int" Indicates that INTERFERENCES prevent determination

=====

Total Volatile Hydrocarbon (EPA 8015) And BTEX (EPA 8020) Analyses for Soil Vapor

[illegible]



ENVIRONMENTAL
GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: <u>Optich</u>	DATE: <u>11/2/97</u>	PAGE <u>1</u> OF <u>1</u>
ADDRESS: _____	TEG PROJECT #: <u>ADJ4411021</u>	
PHONE: _____	LOCATION: <u>Cos Bay A06 Fretting</u>	
CLIENT PROJECT #: _____	COLLECTOR: <u>S. Chittell</u>	DATE OF COLLECTION: <u>11/2/97</u>
PROJECT MANAGER: <u>M. V. G. Jones</u>		

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES	VOA 601/8010	VOA 602/8020	Semi Vol 625/8270	TPH 418.1	TPH 8015 (GASOLINE)	TPH 8015 (diesel)	PMA 610/8100	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	PH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
ETA-01	5'	0920	20cc Spigot	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-02	5'	0935	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-03	5'	1005	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-04	5'	1023	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-05	5'	1033	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-06	2'	1058	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-07	5'	1115	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-08	5'	1135	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-09	5'	1147	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-10	5'	1202	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-11	5'	1240	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-12	5'	1300	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		2	
ETA-13	5'	1312	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		2	
ETA-14	5'	1344	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-15	2'	1402	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-16	5'	1425	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-17	2.5'	1437	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	
ETA-18	2.0'	1458	"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		1	

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME	SAMPLE RECEIPT		LABORATORY NOTES:	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME	TOTAL NUMBER OF CONTAINERS	CHAIN OF CUSTODY SEALS Y/N/NA	SEALS INTACT? Y/N/NA	RECEIVED GOOD COND./COLD
SAMPLE DISPOSAL INSTRUCTIONS							
<input type="checkbox"/> TEG DISPOSAL @ \$2.00 each <input type="checkbox"/> Return <input type="checkbox"/> Pickup							

CHAIN-OF-CUSTODY RECORD

[illegible]



ENVIRONMENTAL
GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: <u>Optech</u>	DATE: <u>11-3-94</u>	PAGE <u>1</u> OF <u>1</u>
ADDRESS: _____	TEG PROJECT #: <u>ADL941102-1</u>	
PHONE: _____	LOCATION: <u>Coos Bay OR</u>	
CLIENT PROJECT #: _____	COLLECTOR: <u>S. Chitt</u>	DATE OF COLLECTION: <u>11/3/94</u>
PROJECT MANAGER: <u>Mike Gales</u>		

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	PNA 610/8100	HEX CHROME	TOTAL LEAD	PH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
MSS-03	5'	0910	vgos	20cc syringe	X	X	X	X	X	X	X	X	X		1	
MSS-01	2'	0925	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-02	2'	0937	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-04	5'	1010	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-05	5'	1020	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-06	5'	1034	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-07	5'	1044	"	"	X	X	X	X	X	X	X	X	X		2	
MSS-08	5'	1120	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-09	5'	1140	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-10	5'	1200	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-11	5'	1219	"	"	X	X	X	X	X	X	X	X	X		2	
MSS-12	5'	1245	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-13	5'	1259	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-14	5'	1315	"	"	X	X	X	X	X	X	X	X	X		1	
MSS-15	5'	1350	"	"	X	X	X	X	X	X	X	X	X		1	
OWD-1	25'	1450	"	"	X	X	X	X	X	X	X	X	X		1	
OWD-2	5'	1510	"	"	X	X	X	X	X	X	X	X	X		1	
OWD-3	2'	1532	"	"	X	X	X	X	X	X	X	X	X		1	

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
SAMPLE DISPOSAL INSTRUCTIONS			
<input type="checkbox"/> TEG DISPOSAL @ \$2.00 each <input type="checkbox"/> Return <input type="checkbox"/> Pickup			
LABORATORY NOTES:			
TOTAL NUMBER OF CONTAINERS			
CHAIN OF CUSTODY SEALS Y/N/A			
SEALS INTACT? Y/N/A			
RECEIVED GOOD COND./COLD			
NOTES:			

CHAIN-OF-CUSTODY RECORD

[illegible]

[illegible]

QA/QC FOR ANALYTICAL METHODS

GENERAL

The TEG Northwest Mobile Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at 4° C.

ANALYTICAL METHODS

TEG Northwest Mobile Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

Purgeable Volatile Halocarbons

(Chlorinated Hydrocarbons, EPA 601/8010,8021)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day if more than 10 samples have been run. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

Purgeable Volatile Aromatics
(BTEX, EPA 602/8020)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day if more than 10 samples have been run. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

TPH-Gasoline, TPH-Diesel
(Gasoline and/or Diesel, Modified EPA 8015, WTPH-G/WTPH-D)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. A duplicate sample is run at a rate of 1 per 10 samples (or a matrix spike sample is prepared and analyzed). At least 1 method blank is run per 10 samples analyzed.

APPENDIX B

BORING LOGS

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

O P T E C H
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CORPORATION

LOG OF BORING OWD-01BH

Project No.:	1315-135
Logged By:	Michael A. Giles
Drilling Co.:	Cascade Drilling
Driller:	Rodney La Bross
Date Drilled:	11/10/94
Drilling Method:	Hollow-Stem Auger

Sampling Method:	Split-Spoon
Depth Drilled:	20.0 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	110.03 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0					Sand, very clayey, black, semi-firm, moist.	0	0	0	0
2	12	100			Sand, fine-grained to medium-grained, moderately sorted, brown with red iron oxidation, slightly moist.	0	0	0	0
12	24								
5	12	100							
25	43								
10	25	100			Sand, very clayey, poorly sorted, semi-firm, black to brown, very moist.	0	0	0	0
50									
15	20	90							
25	50								
20	16	100			Sand, medium-grained, well sorted, loose, brown, saturated.	0	0	0	0
28	33				Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING OWD-02BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/10/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 20.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 108.95 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, very clayey, black, firm, moist.				
7	15	100	X		Sand, fine-grained to medium-grained, moderately sorted, loose, brown, moist.	0	2.7	0	0
15	20								
5	16	100	X			0	1.8	0	0
22	28								
10	16	40	X			0.7	2.0	0	0
21	26								
15	14		X		- saturated at 18.5 ft.	0.7	0	5	0
28	33								
20	15		X			0	0	0	0
22	25				Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING OWD-03BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/10/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 20.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 109.30 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, clayey, semi-firm, poorly sorted, black, moist.				
10		100			Clay, black, firm, slightly moist.	0	1.0	0	0
10					Sand, loose, fine-grained to medium-grained, poorly sorted, brown, occasional red iron oxidation, moist.				
12									
18		100				0	0	0	0
20									
25									
23		100				0.3	1.0	0	0
50									
28		100				0	1.8	24	24
50									
10		90			- saturated at 18.0 ft.	0	1.0	1	1
23									
27					Boring Terminated at 20.0 ft.				

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Sampling Method:	Split-Spoon
Depth Drilled:	10.0 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	104.92 ft.

[illegible]


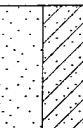






COOS HEAD PA/SI
COOS HEAD ANG, OREGON

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING MSS-02BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/10/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 15.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 100.90 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
12 15 23		100			Sand, very clayey, firm, black, moist. Sand, slightly to very clayey, loose, brown, moist.	0	0	0	0
16 18 20		100			- organic clay, very wet.	0	0	0	0
18 20 24		100			- saturated.	0	15.8	852	103
27 31 50		100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown to dark brown, saturated.	0	18.9	511	18
Boring Terminated at 15.0 ft.									

COOS HEAD ANG, OREGON

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Project No.:	1315-135
Logged By:	Michael A. Giles
Drilling Co.:	Cascade Drilling
Driller:	Rodney La Bross
Date Drilled:	11/10/94
Drilling Method:	Hollow-Stem Auger

Sampling Method:	Split-Spoon
Depth Drilled:	9.5 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	102.06 ft.

[illegible]

COOS HEAD ANG, OREGON

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Project No.:	1315-135	Sampling Method:	Hand Auger
Logged By:	Michael A. Giles	Depth Drilled:	9.5 ft.
Drilling Co.:	Operational Technologies Corporation	Depth To Water:	NA
Driller:	Joe Byrd, Jr.	Date Measured:	NA
Date Drilled:	11/16/94	Surface Elevation:	114.5 ft.
Drilling Method:	Hand Auger		

[illegible]








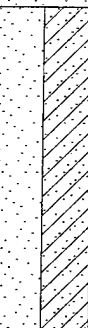


COOS HEAD PA/SI
COOS HEAD ANG, OREGON

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LOG OF BORING TS-001BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/10/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 15.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 102.92 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	10 12 15	100	 		Sand, fine-grained to medium-grained, moderately sorted, loose, brown, moist.	0	0	0	0
5	18 20 21	100	 			0	0	0	0
	20 27 30	100	 		Sand, clayey, soft, organic, dark brown to brown, moist.	0	0	0	0
10									
	12 13 16	100	 		Boring Terminated at 15.0 ft.	0	0	0	0
15									
20									

COOS HEAD ANG, OREGON

**OPERATIONAL TECHNOLOGIES
CORPORATION**

LOG OF BORING TS-003BH

Sampling Method:	Hand Auger
Depth Drilled:	9.0 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	101.43 ft.

[illegible]

COOS HEAD ANG, OREGON

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Project No.:	1315-135
Logged By:	Michael A. Giles
Drilling Co.:	Cascade Drilling
Driller:	Rodney La Bross
Date Drilled:	11/11/94
Drilling Method:	Hollow-Stem Auger

Sampling Method:	Split-Spoon
Depth Drilled:	6.0 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	102.00 ft.

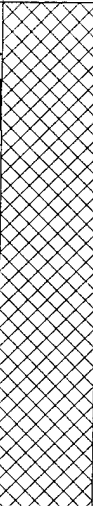
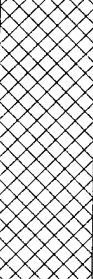

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COOS HEAD ANG, OREGON

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Project No.:	1315-135
Logged By:	Michael A. Giles
Drilling Co.:	Cascade Drilling
Driller:	Rodney La Bross
Date Drilled:	11/11/94
Drilling Method:	Hollow-Stem Auger

Sampling Method:	Split-Spoon
Depth Drilled:	10.0 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	101.23 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Fill, sand, gravel, some clay, loose, dark brown, slightly moist.				
	2	100	X						
	3		■			0	0	0	0
	6		■						
5	2	75	X						
	2		■			0	0	0	0
	2		■						
	36	75	■						
	49		■			0	0	0	0
10	50		■						
					Concrete bottom. Boring Terminated at 10.0 ft.				
15									
20									


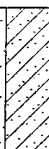








COOS HEAD PA/SI
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OPERATIONAL TECHNOLOGIES
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LOG OF BORING SDB-03BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/11/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 20.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 101.45 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
4 4 15		100			Sand, clayey, fine-grained, poorly sorted, brown, loose, slightly moist.	0	0	0	0
5 13 29 34		100			Sand, fine-grained to medium-grained, moderately sorted, loose, dark brown to brown, moist to very moist.	0	0	0	0
10 10 12 24		100				0	0	0	0
15 8 10 26		100				0	0	0	0
20 15 31 50		100			- 18.5 to 20.0 ft. dark green.	0	0.5	0	0
Boring Terminated at 20.0 ft.									

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING BAA-01BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/08/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 19.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 129.54 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
10 26 30		100	X		Sand, fine-grained, loose, gray to brown, dry.	0	0.5	0	0
5 13 13 17		100	X		Sand, fine-grained, loose, brown, red staining, wet.	0	3	0	0
10 6 2 13		100	X		- black material at 10.5 ft.	0	0	2	0
15 30 30 35		100	X			0	0	2	0
20 45 50		100	X		Boring Terminated at 19.5 ft.	0	0	2	0

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LOG OF BORING BAA-02BH

Project No.: 1315-135
 Logged By: Michael A. Giles
 Drilling Co.: Cascade Drilling
 Driller: Rodney La Bross
 Date Drilled: 11/08/94
 Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
 Depth Drilled: 19.5 ft.
 Depth To Water: NA
 Date Measured: NA
 Surface Elevation: 131.64 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
2		100	X		Sand, clayey, brown to dark brown, moist, soft.	0	0	1	0
4									
5									
10		100	X		Sand, fine-grained, loose, slightly moist, brown, red iron staining.	0	0	1	0
30									
32									
25		100	X			0	0	2	0
50									
10									
35		100	X			0	0	1	0
50									
15									
18		100			Boring Terminated at 19.5 ft.	0	0	1	0
50									
20									

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING BAA-03BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/08/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 19.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 129.33 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING				
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	
					Sand, fine-grained to medium-grained, loose, moderately sorted, brown, reddish iron oxidation. - very moist 4.5 to 6.0 ft.					
	4	100	X			0	0	1	0	
	10									
	13									
5	19	100	X			0	0	2	0	
	22									
	28									
	32	100				0	0	18	15	
10	50									
	18	100	X			0	0	1	0	
15	32									
	50									
	32					0	0	1	0	
20	50									
				</						

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A48-01BH

Project No.: 1315-135	Sampling Method: Split-Spoon
Logged By: Michael A. Giles	Depth Drilled: 39.5 ft.
Drilling Co.: Cascade Drilling	Depth To Water: NA
Driller: Rodney La Bross	Date Measured: NA
Date Drilled: 11/08/94	Surface Elevation: 151.74 ft.
Drilling Method: Hollow-Stem Auger	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
5	2 3 4	100			Sand, slightly clayey, brown, loose to semi-firm, slightly moist, occasional wood fragments.	0	0	1	0
10	12 14 17	100				0	1	2	0
15	15 20 22	100				0	13	4	0
20	21 50	90			Sand, medium-grained, well sorted, loose, brown, occasional red iron oxidation.	0	0	2	0
25	31 50	100				0	0	1	0
30	20 50	100				0.5	2	1	0
35	43 50	90				4	1.5	4	0
40	41 50	100				0	0	3	0
45					Boring Terminated at 39.5 ft.				

COOS HEAD ANGERS, OREGON

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Project No.:	1315-135
Logged By:	Michael A. Giles
Drilling Co.:	Cascade Drilling
Driller:	Rodney La Bross
Date Drilled:	11/09/94
Drilling Method:	Hollow-Stem Auger

Sampling Method:	Split-Spoon
Depth Drilled:	39.5 ft.
Depth To Water:	NA
Date Measured:	NA
Surface Elevation:	152.46 ft.

Depth (ft.)	Blows/6"	% Recovery			DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0-5	5 8 13	100	[Solid black]	[Diagonal hatching]	Sand, slightly clayey, loose, brown to dark brown, slightly moist, occasional piece of wood or plant.	0	0	0	0
5-10	4 6 7	100	[Cross-hatched]	[Stippled pattern]		0	0	1	0
10-15	17 20 22	100	[Cross-hatched]	[Stippled pattern]		6	0	1	0
15-20	17 30 35	100	[Solid black]	[Stippled pattern]	Sand, medium-grained to fine-grained, moderately sorted, loose, slightly moist, brown, red iron oxidation.	3.8	2.0	1	0
20-25	11 35 41	100	[Cross-hatched]	[Stippled pattern]		0	0	1	0
25-30	31 50	100	[Cross-hatched]	[Stippled pattern]		0	0	1	0
30-35	31 50	100	[Cross-hatched]	[Stippled pattern]		0	0	1	0
35-40	37 50	100	[Solid black]	[Stippled pattern]	Boring Terminated at 39.5 ft.	0	0	0	0

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A48-03BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/09/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 39.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 151.57 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
5 11 15 17		100			Sand, slightly clayey, loose to semi soft, brown to dark brown, slightly moist.	0	0	0	0
10 11 23 35		100				0	0	1	0
15 16 7 9		100				0	0	0	0
20 13 21 24		100			Sand, medium-grained to fine-grained, moderately sorted, loose, brown to dark brown, occasional red iron oxidation. - 18.5 to 28.5 ft. very moist.	2	1.5	1	0
25 27 50		70				0	0	0	0
30 17 29 50		100			- 28.5 to 39.5 ft. moist.	0	0	0	0
35 31 50		100				0	0	1	0
40 39 50		100			Boring Terminated at 39.5 ft.	0	0	0	0
45									

COOS HEAD PA/SI
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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A40-01BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/08/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 19.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 122.49 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
13 43 50		100	X		Sand, slightly clayey, fine-grained, poorly sorted, brown to gray with reddish iron oxide, moist, loose to fragile.	0	0	4	0
5 13 17 12		100	X		Sand, fine-grained to medium-grained, moderately sorted, brown, moist, loose, reddish brown, red iron oxide.	0	2.9	7	0
25 50		100				0	3	10	0
15 18 36 50		100	X			0	0	16	0
32 50		80				0	6	2	0
20					Boring Terminated at 19.5 ft.				

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COOS HEAD ANG, OREGON

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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A40-02BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Operational Technologies Corporation
Driller: Joe Byrd, Jr.
Date Drilled: 11/16/94
Drilling Method: Hand Auger

Sampling Method: Hand Auger
Depth Drilled: 10.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 122.02 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	-	100	■		Sand, fine-grained to medium-grained, moderately sorted, loose, brown to light brown, occasional red iron oxide, moist.	0	0	0	0
5	-	100	■			0	0	0	0
10	-	100	■			0	0	6	0
10.5	-				Refusal at 10.5 ft.				
15	-								
20	-								

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CORPORATION

LOG OF BORING A40-03BH

Project No.:	1315-135	Sampling Method:	Hand Auger
Logged By:	Michael A. Giles	Depth Drilled:	8.0 ft.
Drilling Co.:	Operational Technologies Corporation	Depth To Water:	NA
Driller:	Joe Byrd, Jr.	Date Measured:	NA
Date Drilled:	11/16/94	Surface Elevation:	119.98 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		100	■	●	Sandy, fine-grained to medium-grained, moderately sorted, light brown to brown, moist.	0	0	5	1
5		100	■	●		0	0	0	0
8		100	■	●		0	0	0	0
10					Refusal at 8.0 ft.				
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									


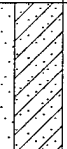






COOS HEAD PA/SI
COOS HEAD ANG, OREGON

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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A24-01BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/11/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 20.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 97.86 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
4 4 9		100			Sand, clayey, poorly sorted, fine-grained, brown to dark brown, moist.	0	0	0	0
5 8 13 13		100			Sand, fine-grained to medium-grained, moderately sorted, loose, occasional partial cemented, brown to dark brown, red iron oxidation, moist.	0	0	0	0
10 4 2 2		90				0	0	0	0
15 16 20 24		100				0	0	0	0
20 4 13 35		100			Sand, clayey, poorly sorted, fine-grained, dark brown, moist.	0	0	0	0
					Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A24-02BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/11/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 19.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 97.53 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, clayey, semi-firm, dark brown, moist.				
16	16	100			Sand, loose, fine-grained to medium-grained, moderately sorted, dark brown to brown, red iron oxidation, moist to very moist.	0	0	0	0
16	16								
5	7	100				0	0	0	0
13	13								
10	16	100				0	0	3	0
17	17								
21	21								
15	17	90				0	0	0	0
31	31								
43	43								
20	17	100			Sand, fine-grained, loose, moist, dark green.	0	0	0	0
	50								
					Boring Terminated at 19.5 ft.				

COOS HEAD PA/SI
COOS HEAD ANG, OREGON

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING A24-03BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/11/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 20.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 96.71 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
6 6 6		100	X		Sand, clayey, fine-grained, poorly sorted, loose to semi-firm, brown, slightly moist.	0	0	2	0
5 9 13		100	X		Clay, firm, blocky, dark brown.	0	0	0	0
7 15 13		100	X		Sand, fine-grained, poorly sorted, loose, occasional partially cemented, brown with occasional red iron oxidation.	0	0	0	0
16 16 17		100	X			0	0	0	0
10 19 20		70	X			0	0	0	0
Boring Terminated at 20.0 ft.									

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

Project No.:	1315-135	Sampling Method:	Hand Auger
Logged By:	Michael A. Giles	Depth Drilled:	5.5 ft.
Drilling Co.:	Operational Technologies Corporation	Depth To Water:	NA
Driller:	Joe Byrd, Jr.	Date Measured:	NA
Date Drilled:	11/17/94	Surface Elevation:	13.86 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
		100			Sand, fine-grained, moderately sorted, loose, off-white, dry.	0	0	10	1
					Gravel, sandy, loose, slightly moist, gravel is dark gray, sand is light brown.				
5		100			Sand, loose, fine-grained, dark brown, very moist, saturated at 5.5 ft.	0	0	1	0
					Boring Terminated at 5.5 ft.				

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

Project No.:	1315-135	Sampling Method:	Hand Auger
Logged By:	Michael A. Giles	Depth Drilled:	6.0 ft.
Drilling Co.:	Operational Technologies Corporation	Depth To Water:	NA
Driller:	Joe Byrd, Jr.	Date Measured:	NA
Date Drilled:	11/17/94	Surface Elevation:	13.58 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
5	-	100	[Pattern: Small circles]	[Pattern: Small circles]	Sand, fine-grained, moderately sorted, loose, off-white, dry.	0	0	0	0
					Gravel, sandy, loose, dry, gravel is dark gray, sand is off-white to brown, sewer piped at 1.5 ft BLS.	0	0	0	0
					Sand, fine-grained to medium-grained, moderately sorted, loose, off-white to light brown, very moist.	0	0	1	0
Boring Terminated at 6.0 ft.									

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Project No.:	1315-135	Sampling Method:	Hand Auger
Logged By:	Michael A. Giles	Depth Drilled:	6.5 ft.
Drilling Co.:	Operational Technologies Corporation	Depth To Water:	NA
Driller:	Joe Byrd, Jr.	Date Measured:	NA
Date Drilled:	11/17/94	Surface Elevation:	13.6 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
5	.	100			Sand, fine-grained to medium-grained, moderately sorted, loose, off-white color, dry.	0	0	5	1
		Gravel, sandy, loose, gravel is gray to dark gray, sand is fine-grained to medium-grained, moderately sorted, loose, off-white to light brown.			0	0	6	1	
10	.	100			Sand, fine-grained to medium-grained, moderately sorted, loose, off-white to light brown, very moist.	0	0	6	1
		Boring Terminated at 6.5 ft.							

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O P T E C H

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LOG OF BORING FTA-01BH

Project No.: 1315-135
 Logged By: Michael A. Giles
 Drilling Co.: Cascade Drilling
 Driller: Rodney La Bross
 Date Drilled: 11/09/94
 Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
 Depth Drilled: 19.5 ft.
 Depth To Water: NA
 Date Measured: NA
 Surface Elevation: 111.71 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Fill, sand, clay, black.				
2		100				0	0	0	0
7									
6					Sand, slightly clayey, loose, brown, red iron oxidation.				
18		100			Sand, medium-grained to fine-grained, moderately sorted, loose, very moist, brown.	0	0	0	0
31									
37									
20		100				0	0	0	0
50									
10									
50		90			- sand is saturated at 13.5 ft.	0	0	0	0
15									
35		100			Sand, very clayey, fine-grained to medium-grained, poorly sorted, loose to firm, dark brown.	0	0	0	0
50									
20					Boring Terminated at 19.5 ft.				

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O P T E C H

OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING FTA-02BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/09/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 20.0 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 112.48 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Fill, sand, clay, some gravel, black.				
4		100				0	0	0	0
11					Sand, slightly clayey, brown, loose, slightly moist.				
12									
9		100				0	0	0	0
11					Sand, fine-grained to medium-grained, moderately sorted, loose, off white, moist.				
7									
11		100			- brown 8.5 to 20.0 ft. very moist.	0	0	0	0
21									
35									
11		40				0	0	0	0
47									
46									
54									
15		95			- clayey sand 18.5 to 20 ft.	0	0	0	0
15									
33									
50					Boring Terminated at 20.0 ft.				

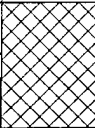
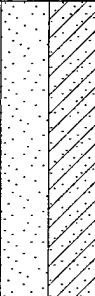
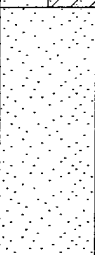


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OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING FTA-03BH

Project No.: 1315-135
Logged By: Michael A. Giles
Drilling Co.: Cascade Drilling
Driller: Rodney La Bross
Date Drilled: 11/09/94
Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
Depth Drilled: 19.5 ft.
Depth To Water: NA
Date Measured: NA
Surface Elevation: 111.87 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
2 3 34		100			Fill, sand, clay, occasional gravel, soft, dark brown to black, slightly moist.	0	0	0	0
9 18 22		100			Sand, clayey, loose to very soft, brown, moist.	0	0	0	0
30 50		100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown to light brown, occasional red iron oxidation, moist to very moist.	0	0	0	0
18 29 38		100				0	0	0	0
17 50		90			Peat, clayey, dark brown to black, moist, some sand, firm.	0	0	0	0
Boring Terminated at 19.5 ft.									

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CORPORATION**

Sampling Method:	Split-Spoon
Depth Drilled:	44.0 ft.
Depth To Water:	40.54 ft.
Date Measured:	11/18/94
Surface Elevation:	148.23 ft.
TOC Elevation:	150.0 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING				Monitoring Well
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	
7 8 15		100			Clay, sandy, firm but breaks easily, brown, dry.	0	0	0	0	
5										
8 9 12		100			Sand, fine-grained to medium-grained, loose, brown, occasional red iron oxidation, very moist.	0	0	3	0	
12 22 36		100				0	0	0	0	
15 20		100				0	0	0	0	
17 19 20		100				0	0	0	0	
25 50		90				.9	0	0	0	
30 50		90				3.5	0	0	0	
35 50		90				2.9	0	0	0	
40 50		100								
45		90			Shale, sandy, hard, bedded, dark green.					
					Boring Terminated at 44.0 ft.					

COOS HEAD ANGS, OREGON
















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CORPORATION**

Sampling Method:	Split-Spoon
Depth Drilled:	34.0 ft.
Depth To Water:	27.23 ft.
Date Measured:	11/18/94
Surface Elevation:	129.48 ft.
TOC Elevation:	131.21 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING				Monitoring Well
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	
10	18	100			Sand, slightly clayey, loose to very soft, poorly sorted, brown, very moist.	0	0	8	0	
5	24				Sand, fine-grained, moderately sorted, brown, very moist, occasional red iron oxidation.					
10	20	90				0	0	24	1	
15	17	90				0	0	0	0	
20	17	90				0	0	0	0	
25	50	100				0	0	0	0	
30	30	100			- saturated at 28.5 ft.	0	0	0	0	
35	50	85			Clay, sandy, firm, brown, moist. Boring Terminated at 34.0 ft.	0	0	0	0	

**OPERATIONAL TECHNOLOGIES
CORPORATION**

Sampling Method:	Split-Spoon
Depth Drilled:	28.0 ft.
Depth To Water:	19.22 ft.
Date Measured:	11/18/94
Surface Elevation:	103.34 ft.
TOC Elevation:	105.63 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING				Monitoring Well
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	
					Sand, clayey, loose to very soft, moist, dark brown.					
5	2 3 4	100	X		Sand, fine-grained to medium-grained, moderately sorted, loose, moist, brown, red iron staining. - occasional beds of clayey sand.	0	0	0	0	
10	21 50	100	X			0	0	0	0	
15	20 24 29	100	X			0	0	0	0	
20	24 27 30	100	X			0	0	0	0	
25	26 50	100	X			0	0	0	0	
30					Shale, blue, hard.					
					Boring Terminated at 28.0 ft.					

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COOS HEAD ANG, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING CB-004PZ

Project No.: 1315-135
 Logged By: Michael A. Giles
 Drilling Co.: Cascade Drilling
 Driller: Rodney La Bross
 Date Drilled: 11/12/94
 Drilling Method: Hollow-Stem Auger

Sampling Method: Split-Spoon
 Depth Drilled: 84.5 ft.
 Depth To Water: 69.01 ft.
 Date Measured: 11/18/94
 Surface Elevation: 95.59 ft.
 TOC Elevation: 97.15 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING				Monitoring Well
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	
4		100	×		Sand, slightly clayey, loose, fine-grained, poorly sorted, dark brown to brown, occasional iron staining, moist.	0	0	0	0	
5					Sand, medium-grained to fine-grained, loose, moderately sorted, brown, occasional iron staining, moist.					
10		100	×			0	0	0	0	
15		100	×		Sand, fine-grained to poorly sorted, firm but breaks easily, dark green, dry.	0	0	0	0	
20		90	×			0	0	0	0	
25		100	×			0	0	0	0	
30		100	×			0	0	0	0	
35		90	×			0	0	0	0	
40		90	×			0	0	0	0	
45		100	×			0	0	0	0	
50		100	×			0	0	0	0	

APPENDIX C

FIELD GC AND PID SCREENING RESULTS

FIELD GC DATA

Table C.1
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
OWD-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0*	10	ND	ND	ND	ND	ND	ND
OWD-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	5	ND	ND	5
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
OWD-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 14.5	10	24	ND	ND	ND	ND	24
	18.5 - 20.0	10	1	ND	ND	ND	ND	1
MSS-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
MSS-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
MSS-002BH (Concluded)	8.5 - 10.0	10	103	140	135	338	136	852
	13.5 - 15.0	10	18	33	128	278	54	511
MSS-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 5.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	7	ND	ND	ND	7
MSS-004BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	4.0 - 5.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	1	2	4	5	ND	12
TS-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
TS-002BH	1.0 - 2.0	10	ND	1	ND	ND	ND	1
	4.0 - 5.0	10	ND	ND	ND	ND	ND	ND
	8.0 - 9.0	10	1	2	2	ND	ND	5
TS-003BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	4.5 - 5.5	10	ND	ND	ND	ND	ND	ND
	8.0 - 9.0	10	ND	ND	ND	ND	ND	ND
SDB-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
SDB-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
SDB-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
BAA-001BH	1.0 - 2.5	10	ND	1	ND	ND	ND	1
	4.5 - 6.0	10	ND	1	ND	ND	ND	1
	9.5 - 11.0	10	ND	2	ND	ND	ND	2
	14.5 - 16.0	10	ND	2	ND	ND	ND	2
	18.5 - 19.5	10	ND	2	ND	ND	ND	2
BAA-002BH	1.0 - 2.5	10	ND	1	ND	ND	ND	1
	4.5 - 6.0	10	ND	1	ND	ND	ND	1
	8.5 - 10.0	10	ND	2	ND	ND	ND	2
	13.5 - 14.5	10	ND	1	ND	ND	ND	1
	18.5 - 19.5	10	ND	1	ND	ND	ND	1
BAA-003BH	1.0 - 2.5	10	ND	1	ND	ND	ND	1
	4.5 - 6.0	10	ND	2	ND	ND	ND	2
	8.5 - 9.5	10	15	3	ND	ND	ND	18

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
BAA-003BH (Concluded)	13.5 - 15.0	10	ND	1	ND	ND	ND	1
	18.5 - 19.5	10	ND	1	ND	ND	ND	1
A48-001BH	3.5 - 5.0	10	ND	1	ND	ND	ND	1
	8.5 - 10.0	10	ND	2	ND	ND	ND	2
	13.5 - 15.0	10	ND	4	ND	ND	ND	4
	18.5 - 19.5	10	ND	2	ND	ND	ND	2
	23.5 - 24.5	10	ND	1	ND	ND	ND	1
	28.5 - 29.5	10	ND	1	ND	ND	ND	1
	33.5 - 34.5	10	1	2	1	ND	ND	4
	38.5 - 39.5	10	1	2	ND	ND	ND	3
	3.5 - 5.0	10	ND	1	ND	ND	ND	1
	8.5 - 10.0	10	ND	1	ND	ND	ND	1
A48-002BH	13.5 - 15.0	10	ND	1	ND	ND	ND	1
	18.5 - 20.0	10	ND	1	ND	ND	ND	1
	23.5 - 25.0	10	ND	1	ND	ND	ND	1
	28.5 - 29.5	10	ND	1	ND	ND	ND	1
	33.5 - 34.5	10	ND	1	ND	ND	ND	1
	38.5 - 39.5	10	ND	ND	ND	ND	ND	ND
	3.5 - 5.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	1	ND	ND	ND	1
A48-003BH	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
A48-003BH (Concluded)	18.5 - 20.0	10	ND	1	ND	ND	ND	1
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
	28.5 - 30.0	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.5	10	ND	ND	ND	ND	ND	ND
	38.5 - 39.5	10	ND	ND	ND	ND	ND	ND
A40-001BH	1.0 - 2.5	10	ND	1	3	ND	ND	4
	4.5 - 6.0	10	ND	1	6	ND	ND	7
	9.0 - 10.0	10	ND	2	8	ND	ND	10
	14.5 - 16.0	10	ND	2	14	ND	ND	16
	18.5 - 19.5	10	ND	2	ND	ND	ND	2
A40-002BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	4.5 - 5.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	1.0 - 2.0	10	1	2	2	ND	ND	5
A40-003BH	4.0 - 5.0	10	ND	ND	ND	ND	ND	ND
	7.0 - 8.0	10	ND	ND	ND	ND	ND	ND
	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
A24-001BH	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
A24-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	3	ND	ND	3
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND
A24-003BH	1.0 - 2.5	10	ND	ND	2	ND	ND	2
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
SF-001BH	1.0 - 2.0	10	1	3	6	ND	ND	10
	4.5 - 5.5	10	ND	1	ND	ND	ND	1
SF-002BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	5.0 - 6.0	10	ND	1	ND	ND	ND	1
SF-003BH	1.0 - 2.0	10	1	2	2	ND	ND	5
	5.5 - 6.5	10	1	2	3	ND	ND	6
FTA-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 14.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
FTA-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
FTA-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND
CB-001PZ	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	3	ND	ND	3
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
	28.5 - 29.5	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.0	10	ND	ND	ND	ND	ND	ND
	38.5 - 39.5	10	ND	ND	ND	ND	ND	ND
CB-002PZ	43.5 - 44.0	10	ND	ND	ND	ND	ND	ND
	1.0 - 1.5	10	ND	1	3	4	ND	8
	8.5 - 9.5	10	1	3	8	12	ND	24

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
CB-002PZ (Concluded)	13.5 - 14.5	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
	28.5 - 29.5	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.0	10	ND	ND	ND	ND	ND	ND
CB-003PZ	3.5 - 5.0	10	ND	1	3	3	ND	7
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
CB-004PZ	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 14.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.0	10	ND	ND	ND	ND	ND	ND
	28.5 - 29.0	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.0	10	ND	ND	ND	ND	ND	ND
	38.5 - 39.0	10	ND	ND	ND	ND	ND	ND
	43.5 - 44.0	10	ND	ND	ND	ND	ND	ND
	48.5 - 49.0	10	ND	ND	ND	ND	ND	ND
	58.5 - 59.0	10	ND	ND	ND	ND	ND	ND
	63.5 - 64.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Concluded)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
CB-004PZ (Concluded)	68.5 - 69.0	10	ND	ND	ND	ND	ND	ND
	73.5 - 74.0	10	ND	ND	ND	ND	ND	ND
	78.5 - 79.0	10	ND	ND	ND	ND	ND	ND
CB-005PZ	3.5 - 5.0	10	2	2	2	ND	ND	6
	8.5 - 10.0	10	1	ND	ND	ND	ND	1
	13.5 - 15.0	10	ND	1	ND	ND	ND	1
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
CB-001PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-002PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-003PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-004PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-005PZ	Water	10 ml	ND	ND	ND	ND	ND	ND

GC – Gas Chromatograph.
ft. BLS – feet Below Land Surface.
ppb – parts per billion.
BTEX – Benzene, Toluene, Ethylbenzene, and Xylenes.
ND – Non-Detect.
AOC – Area of Concern.
OWD – Old Washrack and Drain AOC.

BH – Borehole.
MSS – Maintenance Shop Sump and Wash Area AOC.
TS – Transformer Spill AOC.
BAA – Burn Area and Antenna Area No. 28 AOC.
A48 – Antenna Area No. 48 AOC.
A40 – Antenna Area No. 40 AOC.
A24 – Antenna Area No. 24 AOC.

SDB – Sludge Drying Beds AOC.
SF – Septic Field AOC.
FTA – Fire Training Area AOC.
CB – Coos Bay.
PZ – Piezometer.
ml – milliliters.
* – Re-shot Sample.

PID AND ATHA DATA

Table C.2
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
OWD-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
OWD-002BH	1.0 - 2.5	0	2.7
	4.5 - 6.0	0	1.8
	8.5 - 10.0	0.7	2.0
	13.5 - 15.0	0.7	0
	18.5 - 20.0	0	0
OWD-003BH	1.0 - 2.5	0	1.0
	4.5 - 6.0	0	1.0
	8.5 - 9.5	0.3	0
	13.5 - 14.5	0	1.8
	18.5 - 20.0	0	1.0
MSS-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	1.2	0
	8.5 - 10.0	0	1.2
MSS-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	15.8
	13.5 - 15.0	0	18.9
MSS-003BH	1.0 - 2.5	0	0
	4.5 - 5.5	0	0
	8.5 - 9.5	0	0
MSS-004BH	1.0 - 2.0	0	0
	4.0 - 5.0	0	0
	8.5 - 9.5	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
TS-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
TS-002BH	1.0 - 2.0	0	0
	4.0 - 5.0	0	0
	8.0 - 9.0	0	0
TS-003BH	1.0 - 2.0	0	0
	4.5 - 5.5	0	0
	8.0 - 9.0	0	0
SDB-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
SDB-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
SDB-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0.5
BAA-001BH	1.0 - 2.5	0	0.5
	4.5 - 6.0	0	3
	9.5 - 11.0	0	0
	14.5 - 16.0	0	0
	18.5 - 19.5	0	0
BAA-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
BAA-002BH (Concluded)	13.5 - 14.5	0	0
	18.5 - 19.5	0	0
BAA-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 15.0	0	0
	18.5 - 19.5	0	0
A48-001BH	3.5 - 5.0	0	0
	8.5 - 10.0	0	1
	13.5 - 15.0	0	13
	18.5 - 19.5	0	0
	23.5 - 24.5	0	0
	28.5 - 29.5	0.5	2
	33.5 - 34.5	4	1.5
	38.5 - 39.5	0	0
A48-002BH	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	6	0
	18.5 - 20.0	3.8	2.0
	23.5 - 25.0	0	0
	28.5 - 29.5	0	0
	33.5 - 34.5	0	0
	38.5 - 39.5	0	0
A48-003BH	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	2.0	1.5
	23.5 - 24.5	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
A48-003BH (Concluded)	28.5 - 30.0	0	0
	33.5 - 34.5	0	0
	38.5 - 39.5	0	0
A40-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	2.9
	9.0 - 10.0	0	3
	14.5 - 16.0	0	0
	18.5 - 19.5	0	6
A40-002BH	1.0 - 2.0	0	0
	4.5 - 5.5	0	0
	8.5 - 9.5	0	0
A40-003BH	1.0 - 2.0	0	0
	4.0 - 5.0	0	0
	7.0 - 8.0	0	0
A24-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
A24-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 19.5	0	0
A24-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
A24-003BH (Concluded)	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
SF-001BH	1.0 - 2.0	0	0
	4.5 - 5.5	0	0
SF-002BH	1.0 - 2.0	0	0
	5.0 - 6.0	0	0
SF-003BH	1.0 - 2.0	0	0
	5.5 - 6.5	0	0
FTA-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 14.0	0	0
	18.5 - 19.5	0	0
FTA-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
FTA-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 15.0	0	0
	18.5 - 19.5	0	0
CB-001PZ	1.0 - 2.5	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
	23.5 - 24.5	0.9	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
CB-001PZ (Concluded)	28.5 - 29.5	3.5	0
	33.5 - 34.0	2.9	0
	38.5 - 39.5	0	0
	43.5 - 44.0	0	0
CB-002PZ	1.0 - 1.5	0	0
	8.5 - 9.5	0	0
	13.5 - 14.5	0	0
	18.5 - 19.5	0	0
	23.5 - 24.5	0	0
	28.5 - 29.5	0	0
	33.5 - 34.0	0	0
CB-003PZ	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
	23.5 - 24.5	0	0
CB-004PZ	1.0 - 2.5	0	0
	8.5 - 10.0	0	0
	13.5 - 14.0	0	0
	18.5 - 19.0	0	0
	28.5 - 29.0	0	0
	33.5 - 34.0	0	0
	38.5 - 39.0	0	0
	43.5 - 44.0	0	0
	48.5 - 49.0	0	0
	58.5 - 59.0	0	0
	63.5 - 64.0	0	0

Table C.2 (Concluded)
Field PID Results – Soil
104th ACS, Coos Head ANG, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
CB-004PZ (Concluded)	68.5 - 69.0	0	0
	73.5 - 74.0	0	0
	78.5 - 79.0	0	0
CB-005PZ	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
	23.5 - 24.5	0	0
CB-001PZ	Water	0	0
CB-002PZ	Water	0	0
CB-003PZ	Water	0	0
CB-004PZ	Water	0	0
CB-005PZ	Water	0	0

ft. BLS – feet Below Land Surface.

ppm – parts per million.

AOC – Area of Concern.

OWD – Old Washrack and Drain AOC.

BH – Borehole.

MSS – Maintenance Shop Sump and Wash Area AOC.

TS – Transformer Spill AOC.

BAA – Burn Area and Antenna Area No. 28 AOC.

A48 – Antenna Area No. 48 AOC.

A40 – Antenna Area No. 40 AOC.

A24 – Antenna Area No. 24 AOC.

SDB – Sludge Drying Beds AOC.

SF – Septic Field AOC.

FTA – Fire Training Area AOC.

CB – Coos Bay.

PZ – Piezometer.

PID – Photoionization Detector.

* – PID calibrated with 100 ppm isobutylene.

FIELD GC DATA SUMMARY

SITE: Ceas Bay ANG5
 GAIN: 1,000
 CARRIER GAS FLOW: 12.0 ml/min

INJECTION VOLUME: 100 µl
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 5.30 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	1	2	2	ND	ND	5	X	X
5	A40-001BH	1-2.5	10	ND	1	3	ND	ND	4		
6	100 PPB	BTEX	X	83	77	73	139	74	446	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
7	A40-001BH	4.5-6.0	10	ND	1	6	ND	ND	7		
8	A40-001BH	9.0-10.0	10	ND	2	8	ND	ND	10		
9	A40-001 BH	14.5-16.0	10	ND	2	14	ND	ND	16	35% window ±10%	50
10	C40-001 BH	18.5-19.5	10	ND	2	ND	ND	ND	2		
11	BAA-002 BH	1.0-2.5	10	ND	1	ND	ND	ND	1		
12	100 PPB	BTEX	X	92	99	101	205	102	599	X	X
13	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
14	BAA-002 BH	4.5-6.0	10	ND	1	ND	ND	ND	1		
15	BAA-002 BH	13.5-14.5	10	ND	1	ND	ND	ND	1		
16	BAA-002 BH	18.5-19.5	10	ND	1	ND	ND	ND	1		
17	BAA-001 BH	1.0-2.5	10	ND	1	ND	ND	ND	1		
18	BAA-001 BH	4.5-6.0	10	ND	1	ND	ND	ND	1		
19	100 PPB	BTEX	X	85	79	75	146	75	460	X	X

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	60.8	124.5	259.4	279.4	331.2	
	Response	186	99	65	58	20.5	
1 ppm	Retention Time	61.3	125.2	257	278.4	331.2	
	Response	2032	1791	1496	1168	548	
10 ppm	Retention Time	61.6	125.2	260.2	280.2	332.5	
	Response	11,670	14,636	13,186	11,772	4,913	

OPERATOR: J Byrd Jr

DATE: 8 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANG
 GAIN: 1,000
 CARRIER GAS FLOW: 12.0 ml/min

INJECTION VOLUME: 100 µl
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 530 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
	Recalibration		X	100	100	100	200	100	600	X	X
20	BAA-001 BH	14.5-16.0	10	ND	2	ND	ND	ND	2		
21	BAA-001 BH	18.5-19.5	10	ND	2	ND	ND	ND	2		
22	BAA-003 BH	4.5-6.0	10	ND	2	ND	ND	ND	2		
23	BAA-003 BH	8.5-9.5	10	15	3	ND	ND	ND	18		
24	BAA-003 BH	13.5-15.0	10	ND	1	ND	ND	ND	1		
25	100 PPB	BTEX	X	104	97	90	177	92	560	X	X
26	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
27	BAA-003 BH	1.0-2.5	10	ND	1	ND	ND	ND	1		
28	BAA-002 BH	3.5-10.0	10	ND	2	ND	ND	ND	2		
29	BAA-001 BH	9.5-11.0	10	ND	2	ND	ND	ND	2		
30	BAA-003 BH	18.5-19.5	10	ND	1	ND	ND	ND	1		
31	A48-001 BH	3.5-5.0	10	ND	1	ND	ND	ND	1		
32	100 PPB	BTEX	X	94	92	88	175	95	544	X	X
33	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
34	A48-001 BH	8.5-10.0	10	ND	2	ND	ND	ND	2		
35	A48-001 BH	13.5-15.0	10	ND	4	ND	ND	ND	4	Reduce Run to 500 sec	
36	A48-001 BH	18.5-19.5	10	ND	2	ND	ND	ND	2		
37	A48-001 BH	23.5-24.5	10	ND	1	ND	ND	ND	1		
38	A48-001 BH	28.5-29.5	10	ND	1	ND	ND	ND	1		

I use this to run QA/QC at end of Day instead of new page 3

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	BTEX TOTAL
0.1 ppm	Retention Time	It is late shut down					
	Response	GC.					
1 ppm	Retention Time						
	Response						
10 ppm	Retention Time						
	Response						

OPERATOR: J. Boyd Jr

DATE: 8 Nov 94

FIELD GC DATA SUMMARY

SITE: Goos Bay ANG-5
 GAIN: 1,000
 CARRIER GAS FLOW: 12 μ l/min

INJECTION VOLUME: 100 μ l
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 465 sec 470 sec
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Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX			
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X	
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X	
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X	
4	AIR BLANK	X	X	1	2	8	18	ND	29	X	X	
5	A48-001 BH	33.5-34.5	10	1	2	1	ND	ND	4			
6	A48-001 BH	38.5-39.5	10	1	2	ND	ND	ND	3			
7	A48-002 BH	3.5-5.0	10	ND	1	ND	ND	ND	1			
8	100 PPB	BTEX	X	105	101	104	210	107	627	X	X	
9	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X	
10	A48-002 BH	8.5-10.0	10	ND	1	ND	ND	ND	1			
11	A48-002 BH	13.5-15.0	10	ND	1	ND	ND	ND	1			
12	A48-002 BH	18.5-20.0	10	ND	1	ND	ND	ND	1			
13	A48-002 BH	23.5-25.0	10	ND	1	ND	ND	ND	1			
14	A48-002 BH	28.5-29.5	10	ND	1	ND	ND	ND	1			
15	100 PPB	BTEX	X	95	89	92	181	97	554	X	X	
16	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X	
17	A48-002 BH	33.5-34.5	10	ND	1	ND	ND	ND	1			
18	A48-002 BH	38.5-39.5	10	ND	ND	ND	ND	ND	ND			
19	A48-003 BH	3.5-5.0	10	ND	ND	ND	ND	ND	ND			
20	A48-003 BH	8.5-10.0	10	ND	1	ND	ND	ND	1			

Calibration Information		Analytes						
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene		
0.1 ppm	Retention Time	67.6	140.1	293.6	316.5	373.3		
	Response	159.9	82.7	49.5	41.7	8.5		
1 ppm	Retention Time	68.1	141.2	292.8	316.5	374.3		
	Response	1949	933.6	1226	873.8	187.2		
10 ppm	Retention Time	68.5	141.0	294.6	317.3	372.6		
	Response	11033	13245	9762	7567	1659		

OPERATOR: J. Byrd Jr

DATE: 9 Nov 94

FIELD GC DATA SUMMARY

SITE: Corn Bay ANG
 GAIN: 1,000
 CARRIER GAS FLOW: 12 ml/min

INJECTION VOLUME: 100 ul
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 470 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
21	A48-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
22	100 PPB	BTEX		79	76	78	150	81	464		
23	RECALIBRATION			100	100	100	200	100	600		
23	AIR BLANK			ND	ND	ND	ND	ND	ND		
24	A48-003 BH	18.5-20.0	10	ND	1	ND	ND	ND	1		
25	A48-003 BH	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
26	A48-003 BH	28.5-30.0	10	ND	ND	ND	ND	ND	ND		
27	A48-003 BH	33.5-34.5	10	ND	ND	ND	ND	ND	ND		
28	A48-003 BH	36.5-39.5	10	ND	ND	ND	ND	ND	ND		
29	100 PPB	BTEX		100	95	90	178	87	550		
30	AIR BLANK			ND	ND	ND	ND	ND	ND		
31	FTA-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
32	FTA-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
33	FTA-001 BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
34	FTA-001 BH	13.5-14.0	10	ND	ND	ND	ND	ND	ND		
35	FTA-001 BH	18.5-19.5	10	ND	ND	ND	ND	ND	ND		
36	100 PPB	BTEX		90	83	69	126	64	432		
	Recalibration			100	100	100	200	100	600		
37	AIR BLANK			ND	ND	ND	ND	ND	ND		
38	FTA-003 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes					
		Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time						
	Response						
1 ppm	Retention Time						
	Response						
10 ppm	Retention Time						
	Response						

OPERATOR: J Byrd Jr

DATE: 9 Nov 94

FIELD GC DATA SUMMARY

SITE: Cocos Bay ANG-5
 GAIN: 1.000
 CARRIER GAS FLOW: 12.5 ml/min

INJECTION VOLUME: 100 µl
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 450 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
1	100 PPB	BTEX	X	CLOGGED SYRINGE						X	X
2	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
3	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
4	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
5	AIR BLANK	X	X	1	2	4	5	ND	12	X	X
6	OWD-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
7	OWD-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
8	OWD-001 BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
9	OWD-001 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
10	OWD-001 BH	18.5-20.0	10	MISSED SHOT							
11	100 PPB	BTEX	X	108	95	92	183	97	575	X	X
12	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
13	OWD-001 BH Reshot	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
14	OWD-001 BH Reshot	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
15	OWD-001 BH Reshot	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
16	OWD-002 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
17	OWD-002 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
18	100 PPA	BTEX	X	95	83	71	139	81	469	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
19	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X

Calibration Information		Analytes					
		Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	59.5	122.9	256.8	276.2	327.4	
	Response	122.3	67.9	47.4	39.6	11.4	
1 ppm	Retention Time	60.2	123.8	255.4	276.2	326.9	
	Response	1760	836	1261	914.7	330	
10 ppm	Retention Time	60.5	123.6	257.3	276.8	325.3	
	Response	10896	11088	8314	6567	2160	

OPERATOR: JBrydlyn

DATE: 10 NOV 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANG5
GAIN: 1,000
CARRIER GAS FLOW: 12.5 μ l/min

INJECTION VOLUME: 100 μ l
GC OVEN TEMP: 40°C
ANALYSIS TIME: 450 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX			
20	OWD-002BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND			
21	OWD-002BH	13.5-15.0	10	ND	ND	5	ND	ND	5	* OUTSIDE WINDOW of $\pm 10\%$		
22	OWD-002BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND			
23	OWD-003BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND			
24	OWD-003BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND			
25	100 PPB	BTEX		100	85	71	130	68	454			
	Relibration			100	100	100	200	100	600			
26	AIR BLANK			ND	ND	ND	ND	ND	ND			
27	OWD-003BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND			
28	OWD-003BH	13.5-14.5	10	24	ND	ND	ND	ND	24			
29	OWD-003BH	13.5-14.5	10	5	ND	ND	ND	ND	5			
30	OWD-003BH	18.5-20.0	10	1	ND	ND	ND	ND	1			
31	MSS-001BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND			
32	100 PPB	BTEX		96	92	101	203	104	596			
33	AIR BLANK			ND	ND	ND	ND	ND	ND			
34	MSS-001BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND			
35	MSS-001BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND			
36	MSS-002BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND			
37	MSS-002BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND			
38	MSS-002BH	8.5-10.0	10	103	140	135	338	136	852			

Calibration Information		Analytes									
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene					
0.1 ppm	Retention Time										
	Response										
1 ppm	Retention Time										
	Response										
10 ppm	Retention Time										
	Response										

OPERATOR: J. Byrd Jr

DATE: 10 Nov 94

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INJECTION VOLUME: 100 μ l
GC OVEN TEMP: 40°C
ANALYSIS TIME: 450 sec

[illegible]

DATE: 10 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANG5
GAIN: 1,000
CARRIER GAS FLOW: 13 μ l/min

INJECTION VOLUME: 100 μ l
GC OVEN TEMP: 40°C
ANALYSIS TIME: 450 sec 440 sec
B

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes		
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX			
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X	X
4	AIR BLANK	X	X	1	2	1	ND	ND	4	X	X	X
5	A24-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND			
6	A24-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND			
7	A24-001 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND			
8	A24-001 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND			
9	A24-001 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND			
10	100 PPB	BTEX	X	119	111	112	233	121	696	X	X	X
	CALIBRATE	X	X	100	100	100	200	100	600	X	X	X
11	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X	X
12	A24-002 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND			
13	A24-002 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND			
14	A24-002 BH	8.5-10.0	10	ND	ND	3	ND	ND	3			
15	A24-002 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND			
16	A24-002 BH	18.5-19.5	10	ND	ND	ND	ND	ND	ND			
17	100 PPB	BTEX	X	93	79	61	113	51	397	X	X	X
	ReCalibrate	X	X	100	100	100	200	100	600	X	X	X
18	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X	X

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	55.7	114	237.8	256	303.2	
	Response	121.3	69.3	55.8	47.4	14.3	
1 ppm	Retention Time	56.1	113.4	238.4	256.8	304	
	Response	1483	1003	759.2	516.2	197.5	
10 ppm	Retention Time	56.3	114.6	238.4	256.5	301.8	
	Response	10360	10187	8020	6277	2195	

OPERATOR: J Byrd Jr

DATE: 11 NOV 94

FIELD GC DATA SUMMARY

SITE: COOS BAY ANGUS
 GAIN: 1,000
 CARRIER GAS FLOW: 13 μ l/min

INJECTION VOLUME: 100 μ l
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
19	A24-003 BH	1.0-2.5	10	ND	ND	2	ND	ND	2		
20	A24-003 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
21	A24-003 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
22	A24-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
23	A24-003 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
24	100 PPB	A/TEX	X	87	94	98	199	104	582	X	X
25	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
26	SDB-002 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
27	SDB-002 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
28	SDB-002 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
29	SDB-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
30	SDB-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
31	100 PPB	A/TEX	X	97	88	83	159	90	517	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
32	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
33	SDB-003 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
34	SDB-003 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
35	SDB-003 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
36	SDB-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
37	SDB-003 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time						
	Response						
1 ppm	Retention Time						
	Response						
10 ppm	Retention Time						
	Response						

OPERATOR: J Byrd Jr

DATE: 11 Nov 94

FIELD GC DATA SUMMARY

SITE: COOS BAY ANG5
 GAIN: 1,000
 CARRIER GAS FLOW: 13.1 ml/min

INJECTION VOLUME: 100 µl
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
1	100 PPB	BTEX	X	NO	RESULTS					X	X
2	100 PPB	BTEX	X	NO	RESULTS					X	X
3	1 PPM	BTEX	X	BTEX	FLAT	Redo	STDS			X	X
4	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
5	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
6	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
7	AIR BLANK	X	X	2	6	26	56	34	124	X	X
8	AIR BLANK	X	X	1	3	6	9	ND	19	X	X
9	CB-003 PZ	3.5-5.0	10	ND	1	3	3	ND	7		
10	CB-003 PZ	6.5-10.0	10	ND	ND	ND	ND	ND	ND		
11	CB-003 PZ	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
12	CB-003 PZ	16.5-20.0	10	ND	ND	ND	ND	ND	ND		
13	CB-003 PZ	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
14	100 PPB	BTEX	X	87	98	93	189	103	570	X	X
15	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
16	CB-004 PZ	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
17	CB-004 PZ	6.5-10.0	10	ND	ND	ND	ND	ND	ND		
18	CB-004 PZ	13.5-14.0	10	ND	ND	ND	ND	ND	ND		
19	CB-004 PZ	16.5-19.0	10	ND	ND	ND	ND	ND	ND		
20	CB-004 PZ	26.5-29.0	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	63.1	130.4	273.3	294.1	346.6	
	Response	217.6	85.9	53.5	41.8	6.5	
1 ppm	Retention Time	63.4	130.5	271.7	293	345	
	Response	2242	1452	1178	762.5	136	
10 ppm	Retention Time	63.4	131	273.6	294.6	346	
	Response	12792	12549	8871	6359	1183	

OPERATOR: J. Byrd Jr

DATE: 12 Nov 94

FIELD GC DATA SUMMARY

SITE: Corn Bay ANG
 GAIN: 1,000
 CARRIER GAS FLOW: 13 ul/min

INJECTION VOLUME: 100 ul
 GC OVEN TEMP: 35°C 40°C
 ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BT EX		
1	100 PPB	BTEX	X	O-Xylene	ND	Present	↑	Over 40°C			
2	100 PPB	BTEX	X	100	100	100	200	100	600		
3	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000		
4	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000		
5	AIR BLANK	AIR blank	X	5	10	21	45	16	87		
6	CB-002 PZ	1.0-1.5	10	ND	1	3	4	ND	8		
7	CB-002 PZ	8.5-9.5	10	1	3	8	12	ND	24		
8	CB-002 PZ	13.5-14.5	10	ND	ND	ND	ND	ND	ND		
9	CB-002 PZ	16.5-19.5	10	ND	ND	ND	ND	ND	ND		
10	CB-002 PZ	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
11	100 PPB	BTEX	X	86	87	78	152	54	457		
	Recalibration		X	100	100	100	200	100	600		
12	AIR BLANK		X	ND	1	ND	ND	ND	1		
13	CB-002 PZ	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
14	CB-002 PZ	26.5-29.5	10	ND	ND	ND	ND	ND	ND		
15	CB-002 PZ	33.5-34.0	10	ND	ND	ND	ND	ND	ND		
16	CB-001 PZ	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
17	CB-001 PZ	8.5-10.0	10	ND	ND	3	ND	ND	3		
18	100 PPB	BTEX	X	87	78	72	127	70	434		
	Recalibrate		X	100	100	100	200	100	600		

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	56.0	114.4	244.8	264.2	316.5	→ changed. See Next Page
	Response	215.6	96.8	58.4	46.9	13.7	
1 ppm	Retention Time	59.8	122.1	253.6	273.3	322.1	→ " " "
	Response	2130	1513	1151	757.8	203	
10 ppm	Retention Time	59.8	122.4	255.2	274.4	322.6	
	Response	13359	12578	8883	6460	1938	

OPERATOR: ABYDJK

DATE: 14 Nov 94

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INJECTION VOLUME: 100 μ l
GC OVEN TEMP: 40 $^{\circ}$ C
ANALYSIS TIME: 4.30 sec

W. Byrd Jr

OPERATOR: JB

DATE: 15 Nov 94

FIELD GC DATA SUMMARY

SITE: Cass Bay ANG-5
 GAIN: 1,000
 CARRIER GAS FLOW: 13 μ l/min

INJECTION VOLUME: 100 μ l
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: 430 min

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	2	4	18	31	ND	55	X	X
5	MSS-004 BH	8.5-9.5	10	1	2	4	5	ND	12		
6	SF-003 BH	1.0-2.0	10	1	2	2	ND	ND	5		
7	SF-001 BH	4.5-5.5	10	ND	1	ND	ND	ND	1		
8	TS-002 BH	1.0-2.0	10	ND	1	ND	ND	ND	1		
9	A40-002 BH	4.5	10	ND	ND	ND	ND	ND	ND		
10	100 PPB	BTEX	X	84	95	92	186	88	545	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
11	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
12	SF-002 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
13	TS-002 BH	4.0-5.0	10	ND	ND	ND	ND	ND	ND		
14	A40-002 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
15	TS-003 BH	8.0-9.0	10	ND	ND	ND	ND	ND	ND		
16	MSS-004 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
17	100 PPB	BTEX	X	90	83	79	144	71	467	X	X
	Recalibrate	X	X	100	100	100	200	100	600	X	X
18	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X

DONE FOR DAY

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	59.0	120.4	250.4	269.3	315.4	
	Response	186.8	69.3	38.6	27.3	4.6	
1 ppm	Retention Time	59.7	121.0	252.0	271.2	318.4	
	Response	1953	1380	1032	612.8	146.6	
10 ppm	Retention Time	60.0	121.4	252.8	272.0	318.9	
	Response	12608	11086	7589	5120	1077	

OPERATOR: J Byrd Jr

DATE: 17 Nov 94

FIELD GC DATA SUMMARY

SITE: Cass Bay ANGUS
 GAIN: 1,000
 CARRIER GAS FLOW: 13 μ l/min

INJECTION VOLUME: 100 μ l
 GC OVEN TEMP: 40°C
 ANALYSIS TIME: # 430 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)						Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	7	41	95	208	97	448	X	X
5	SF-001 BH	1.0-2.0	10	1	3	6	ND	ND	10		
6	SF-003 BH	5.5-6.5	10	1	2	3	ND	ND	6		
7	TS-002 BH	8.0-9.0	10	1	2	2	ND	ND	5		
8	A40-003 BH	1.0-2.0	10	1	2	2	ND	ND	5		
9	SF-002 BH	5.0-6.0	10	ND	1	ND	ND	ND	1		
10	100 PPB	BTEX	X	115	122	119	249	108	713	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
11	AIR BLANK	X	X	1	1	ND	ND	ND	2	X	X
12	TS-003 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
13	MSS-004 BH	4.0-5.0	10	ND	ND	ND	ND	ND	ND		
14	A40-003 BH	7.0-8.0	10	ND	ND	ND	ND	ND	ND		
15	A40-002 BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
16	A40-003 BH	4.0-5.0	10	ND	ND	ND	ND	ND	ND		
17	100 PPB	BTEX	X	99	107	104	208	95	613	X	X
18	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
19	TS-003 BH	4.5-5.5	10	ND	ND	ND	ND	ND	ND		

RECALIB 59.6 120.6 250.1 268.5 314.9

Calibration Information		Analytes					
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	
0.1 ppm	Retention Time	58.1	118.1	246.4	264.2	309.6	
	Response	146.5	52.0	24.3	14.2	2.4	
1 ppm	Retention Time	58.8	118.6	248.0	266.4	313.0	
	Response	1827	1091	648	373	90.7	
10 ppm	Retention Time	59.1	119.6	248.5	266.6	312.5	
	Response	11833	7935	4651	2986	634.8	

OPERATOR: Byrd Jr

DATE: 18 Nov 94

FIELD GC DATA SUMMARY

SITE: Corn Bay ANG-S
GAIN: 1,000
CARRIER GAS FLOW: 13 μ l/min

INJECTION VOLUME: 100 μ l
GC OVEN TEMP: 40°C
ANALYSIS TIME: 430 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							Additional Analytes	
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TOTAL BTEX			
20	CB-001 PZ	WATER	10ml	ND	ND	ND	ND	ND	ND			
21	CB-002 PZ	water	10ml	ND	ND	ND	ND	ND	ND			
22	CB-004 PZ	water	10ml	ND	ND	ND	ND	ND	ND			
23	100 PPB	BTEX	X	91	93	83	153	78	493	X	X	
	Recalibration	X	X	100	100	100	200	100	600	X	X	
24	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X	
25	CB-003 PZ	water	10ml	ND	ND	ND	ND	ND	ND			
26	CB-005 PZ	water	10ml	ND	ND	ND	ND	ND	ND			
27	100 PPB	BTEX	X	150	101	69	116	ND	436			
<div>Signature: J. Byrd</div>												

[illegible]

OPERATOR: J. Byrd Jr

DATE: 18 Nov 94

Analysis #1 1084 AG Function Analysis Report

1084 AG 80 mV

Sample #1 1084 AG 80 mV

Stop Down 1.500 mV/sec
Min Area 0.000 mVsec
Min Height 0.000 mV
Analysis Delay 0.0 sec
Window Percent 20.0 %
Set Flow 12 ml/min
R/F Flow 12 ml/min
Aux Flow 0 ml/min
Oven Temp 40 C
Amb Temp 26 C
Max Gain 1000
Analysis Time 130.0 sec

Peak Report

Pl.	Compound Name	Area/Comp	Wt %
1	Unknown	13.84 mV	13.8
2	Unknown	13.84 mV	13.8
3	Unknown	80.36 mV	20.7
4	Unknown	0.034 mV	50.8
5	Unknown	186.10 mV	60.8
6	Unknown	8.923 mV	76.9
7	Unknown	98.73 mV	100.0
8	Unknown	4.684 mV	229.6
9	Unknown	66.59 mV	359.4
10	Unknown	57.83 mV	379.4
11	Unknown	20.46 mV	331.2

Notes

Joe Byrd, Jr.
Coos Bay AGS
8 Nov 1994
100 ppb BTEX

0 2 4 6 8 10

(x 10 mV)

Time Printed: Nov 8, 94 10:25

Sample Time: Nov 8, 94 10:07

Method

Slope Up 0.500 mV/sec

Slope Down 1.500 mV/sec

Min Area 0.000 mVsec

Min Height 0.000 mV

Analysis Delay 0.0 sec

Window Percent 20.0 %

Det Flow 12 ml/min

B/F Flow 12 ml/min

Aux Flow 0 ml/min

Oven Temp 40 C

Amb Temp 26 C

Max Gain 1000

Analysis Time 530.0 sec

Peak Report

Pk	Compound Name	Area/Conc	R.T.
1	Unknown	21.77 mVS	16.7
2	Unknown	15.84 mVS	18.3
3	Unknown	80.36 mVS	20.7
4	Unknown	0.034 mVS	53.8
5	Benzene	100.0 ppb	60.8
6	Unknown	9.923 mVS	76.9
7	Toluene	100.0 ppb	124.5
8	Unknown	4.684 mVS	229.6
9	Ethylbenzene	100.0 ppb	339.4
10	m,p-Xylene	200.0 ppb	279.4
11	o-Xylene	100.0 ppb	331.2

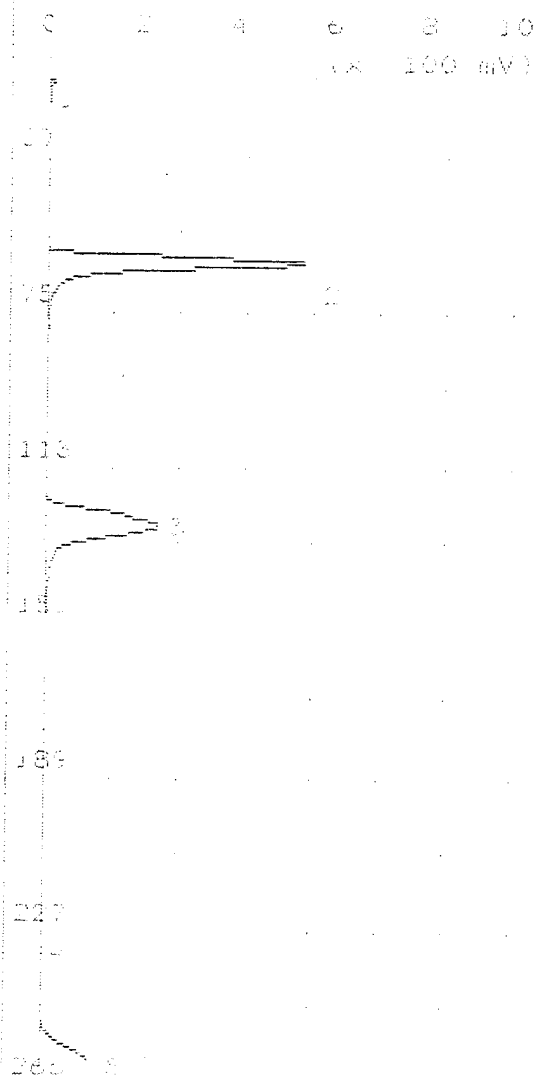
Notes

Joe Byrd, Jr.

Coos Bay ACS

8 Nov 1994

100 ppb BTEX



Time Printed: Nov 8, 94 10:38

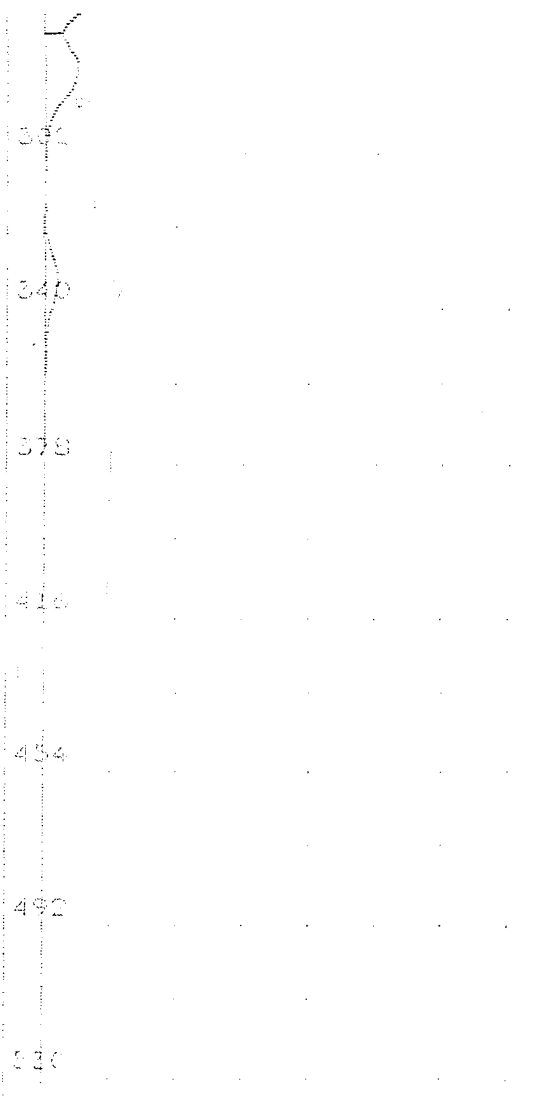
Sample Time: Nov 8, 94 10:28

Method

Slope Up 0.500 mV/Sec
 Slope Down 1.500 mV/Sec
 Min Area 0.000 mVSec
 Min Height 0.000 mV
 Analysis Delay 0.0 sec
 Window Percent 20.0 %
 Det Flow 12 ml/min
 B/F Flow 12 ml/min
 Aux Flow 0 ml/min
 Oven Temp 40 C
 Amb Temp 27 C
 Max Gain 1000
 Analysis Time 540.0 sec

Scan Report

PK	Compound Name	Area/Conc	R.T.
1	Unknown	68.87 mVS	1.7
2	Benzene	1.092 ppm	61.3
3	Toluene	1.814 ppm	125.2
4	Unknown	3.562 mVS	229.8
5	Ethylbenzene	2.312 ppm	257.0
6	m,p-Xylene	4.041 ppm	278.4
7	o-Xylene	2.677 ppm	331.2



Notes

Coos Bay ANGUS
8 NOV 1994
1 ppm BTEX



340

340

378

410

454

492

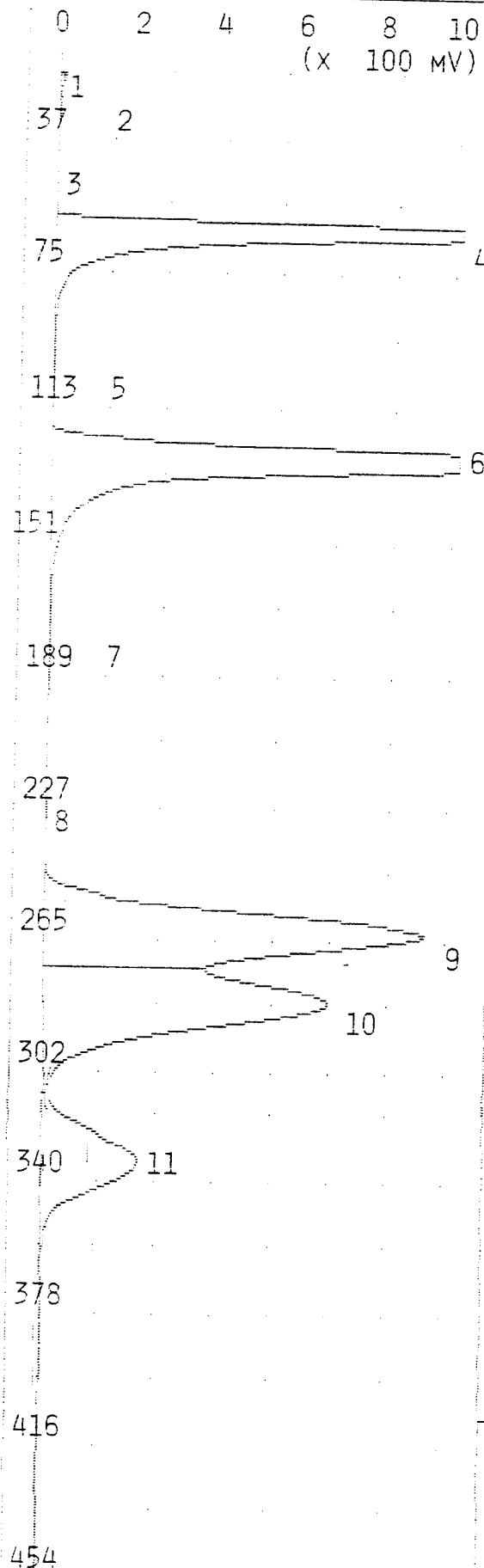
540

Notes

Joe Byrd, Jr.
Coos Bay ANG3
8 Nov 1994
1 ppm BTEX

ANALYSIS #3

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 11:03

SAMPLE TIME: NOV 8,94 10:54

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 20.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000

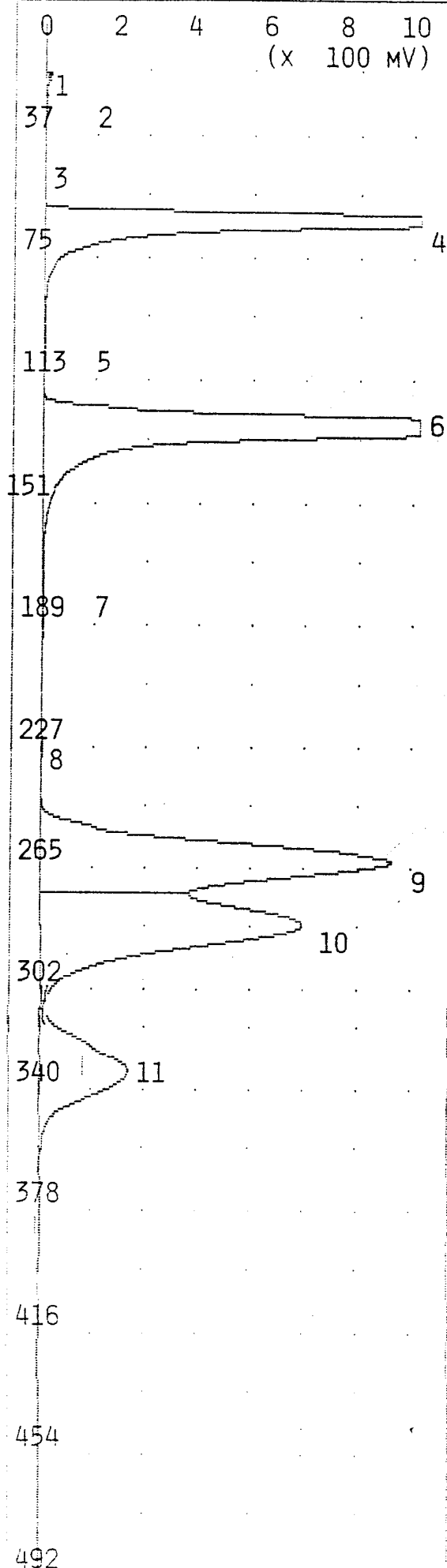
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.35 MVS	16.6
2	UNKNOWN	110.4 MVS	18.2
3	UNKNOWN	0.105 MVS	44.0
4	BENZENE	5.697 PPM	61.6
5	UNKNOWN	2.410 MVS	100.2
6	TOLUENE	7.829 PPM	125.2
7	UNKNOWN	1.672 MVS	178.8
8	UNKNOWN	5.605 MVS	224.6
9	ETHYLBENNZENE	8.347 PPM	260.2
10	M,P-XYLENE	19.18 PPM	280.2
11	O-XYLENE	8.447 PPM	332.5

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
8 NOV 1994
10 PPM BTEX



TIME PRINTED: Nov 8,94 11:09

SAMPLE TIME: Nov 8,94 10:54

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 20.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

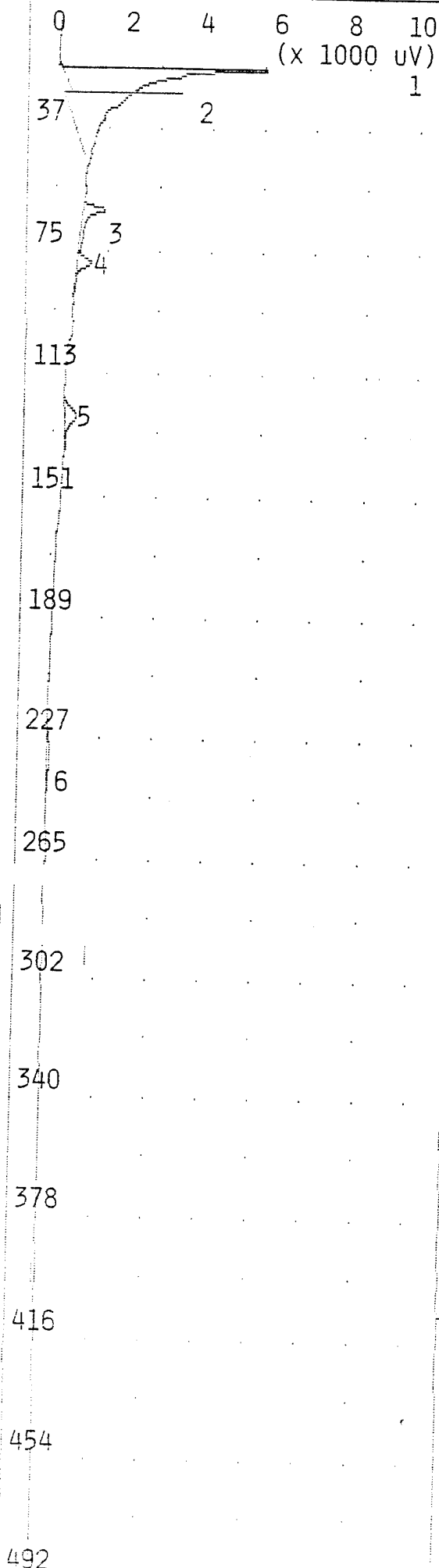
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.35 MVS	16.6
2	UNKNOWN	110.5 MVS	18.2
3	UNKNOWN	0.105 MVS	44.0
4	BENZENE	10.00 PPM	61.6
5	UNKNOWN	2.410 MVS	100.2
6	TOLUENE	10.00 PPM	125.2
7	UNKNOWN	1.672 MVS	178.8
8	UNKNOWN	5.605 MVS	224.6
9	ETHYLBENNZENE	10.00 PPM	260.2
10	M,P-XYLENE	20.00 PPM	280.2
11	O-XYLENE	10.00 PPM	332.5

NOTES

JOE BYRD, JR.
COCS BAY ANG
8 NOV 1994
10 PPM BTEX



TIME PRINTED: NOV 8,94 11:23

SAMPLE TIME: NOV 8,94 11:14

METHOD

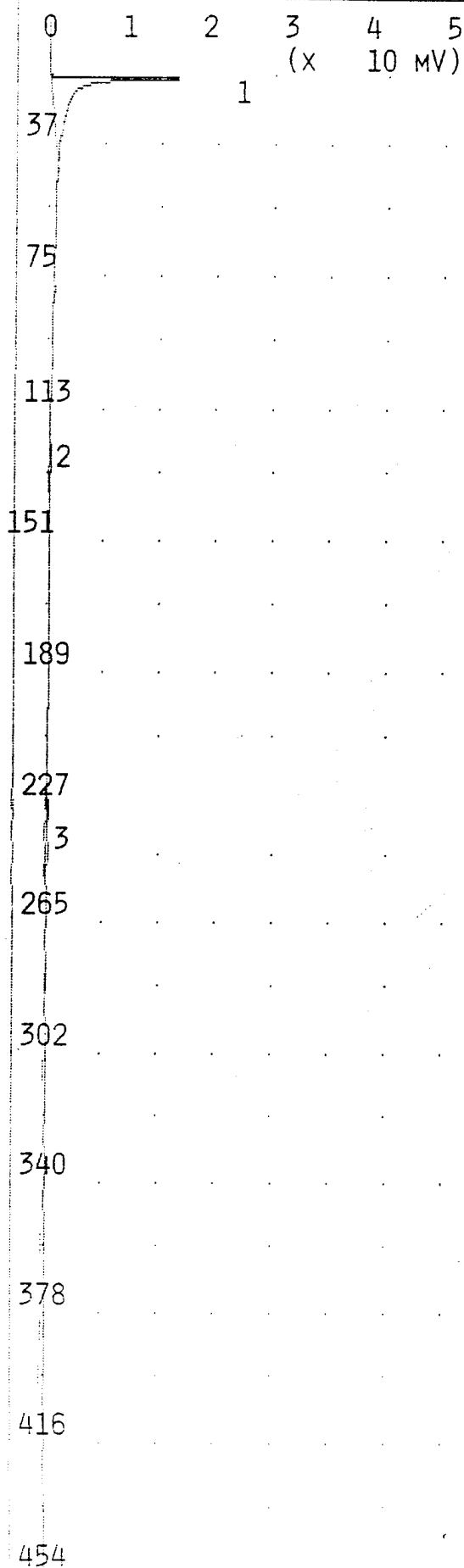
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 20.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.783 MVS	16.8
2	UNKNOWN	27.53 MVS	18.7
3	BENZENE	1.373 PPB	60.6
4	UNKNOWN	1.479 MVS	76.9
5	TOLUENE	2.072 PPB	124.6
6	ETHYLBENNZENE	1.800 PPB	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 NOV 1994
AIR BLANK



TIME PRINTED: Nov 8,94 13:25

SAMPLE TIME: Nov 8,94 13:16

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 20.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

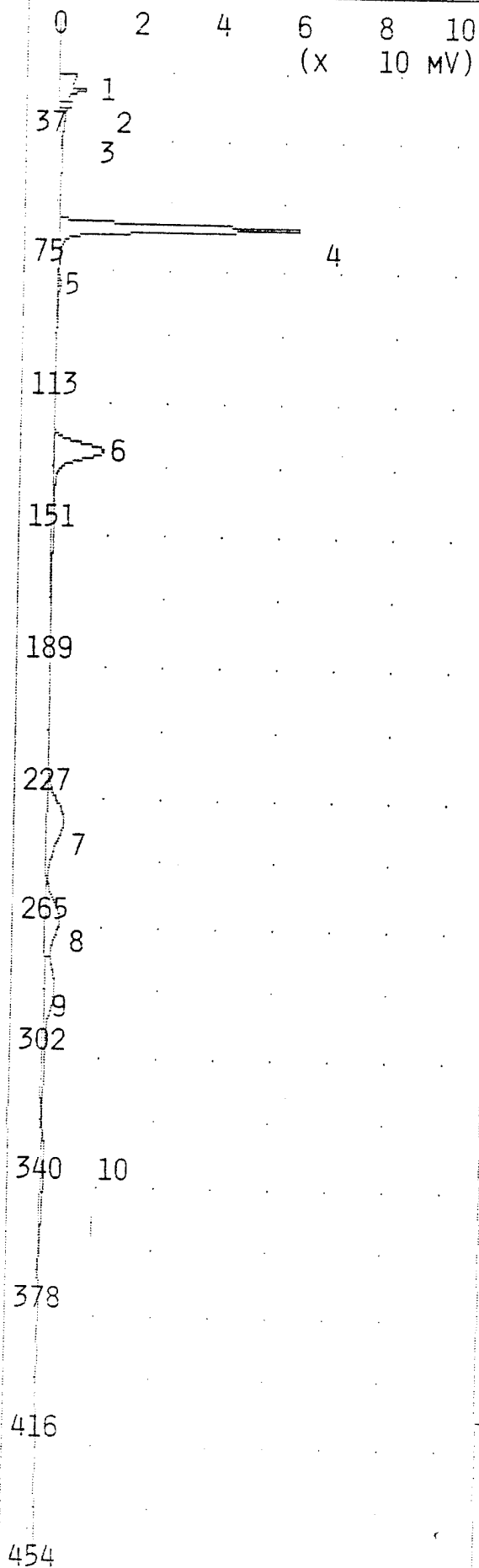
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	54.25 MVS	16.7
2	TOLUENE	1.137 PPB	124.6
3	ETHYLBENZENE	2.910 PPB	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
A40-001BH 1.0'-2.5'

ANALYSIS #6

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 13:39

SAMPLE TIME: NOV 8,94 13:30

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 20.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.217 MVS	16.8
2	UNKNOWN	5.924 MVS	18.5
3	UNKNOWN	27.66 MVS	20.8
4	BENZENE	83.21 PPB	61.0
5	UNKNOWN	1.847 MVS	77.2
6	TOLUENE	76.91 PPB	124.8
7	UNKNOWN	61.98 MVS	231.4
8	ETHYLBENNZENE	72.57 PPB	260.2
9	M,P-XYLENE	138.9 PPB	280.2
10	O-XYLENE	73.64 PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 NOV 1994
100 PPB BTEX

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 8,94 13:44

SAMPLE TIME: NOV 8,94 13:30

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 20.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

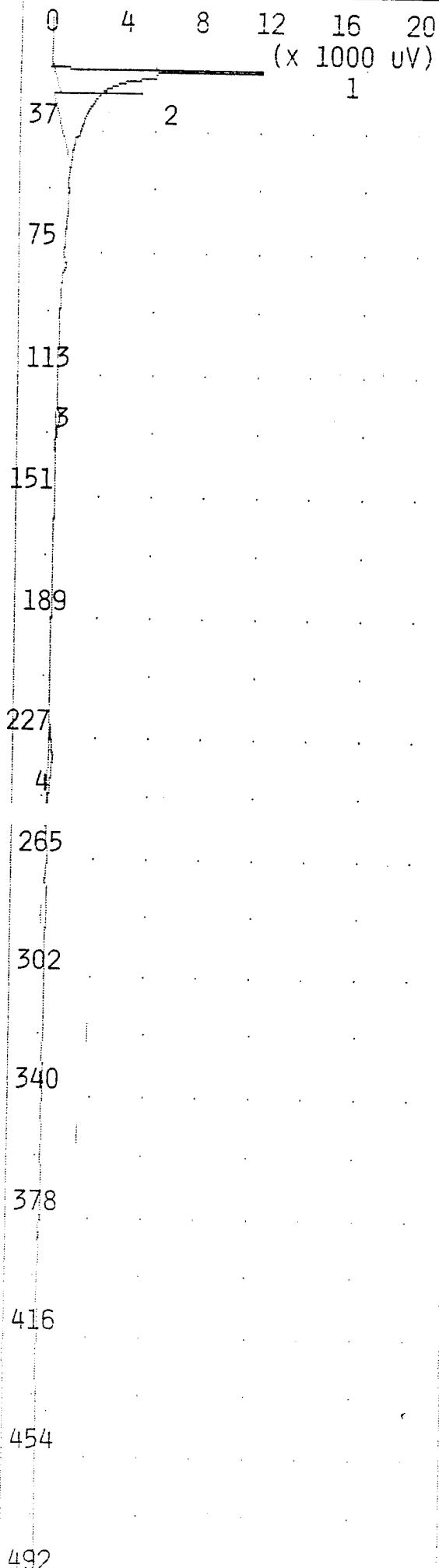
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.217 MVS	16.8
2	UNKNOWN	5.924 MVS	18.5
3	UNKNOWN	27.66 MVS	20.8
4	BENZENE	100.0 PPB	61.0
5	UNKNOWN	1.847 MVS	77.2
6	TOLUENE	100.0 PPB	124.8
7	UNKNOWN	61.98 MVS	231.4
8	ETHYLBENNZENE	100.0 PPB	260.2
9	M,P-XYLENE	200.0 PPB	280.2
10	O-XYLENE	99.99 PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
8 NOV 1994
100 PPB BTEX

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 13:59

SAMPLE TIME: Nov 8,94 13:50

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 20.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 28 C
 MAX GAIN 1000
 ANALYSIS TIME 530.0 SEC

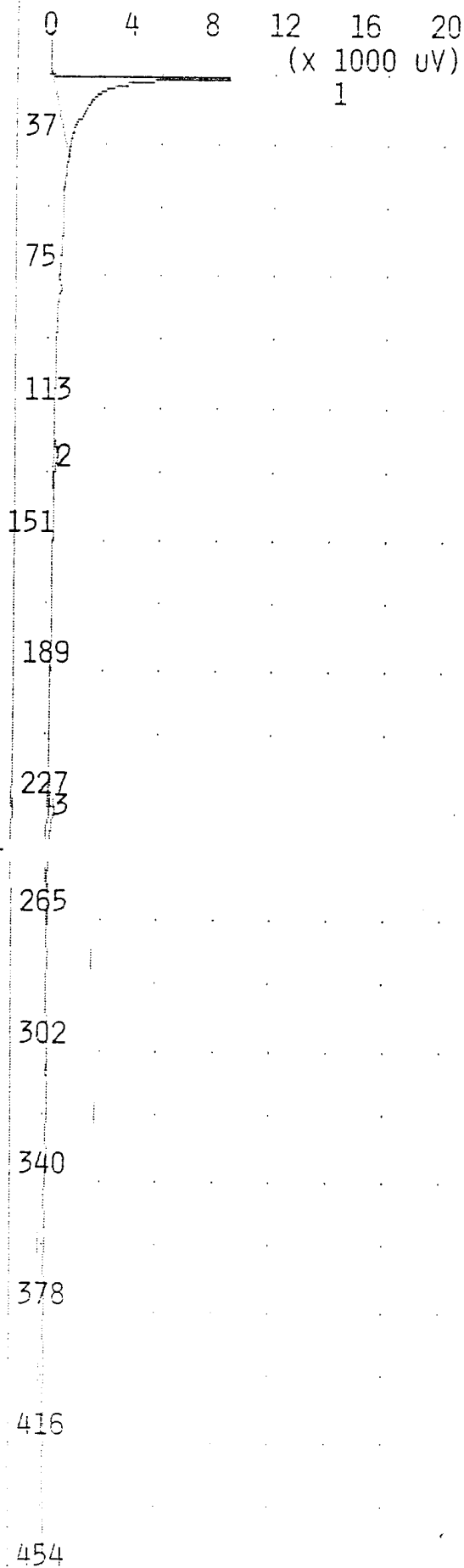
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.38 MVS	16.6
2	UNKNOWN	41.11 MVS	18.4
3	TOLUENE	1.437 PPB	124.8
4	ETHYLBENNZENE	5.793 PPB	232.0

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 8 Nov 1994
 A40-001BH 4.5'-6.0'

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 14:13

SAMPLE TIME: NOV 8,94 14:04

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 20.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

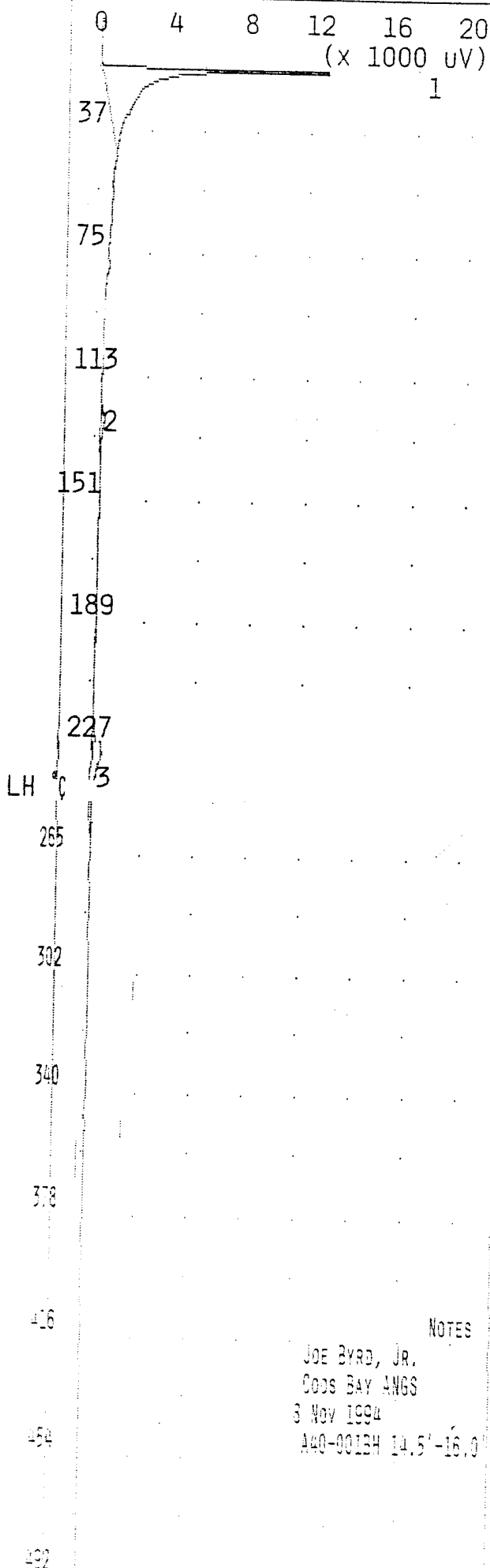
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	36.43 MVS	16.6
2	TOLUENE	1.527 PPB	124.5
3	ETHYLBENZENE	7.958 PPB	230.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
A40-001BH 9.0'-10.0'

ANALYSIS #9

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 14:26

SAMPLE TIME: Nov 8,94 14:17

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 20.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

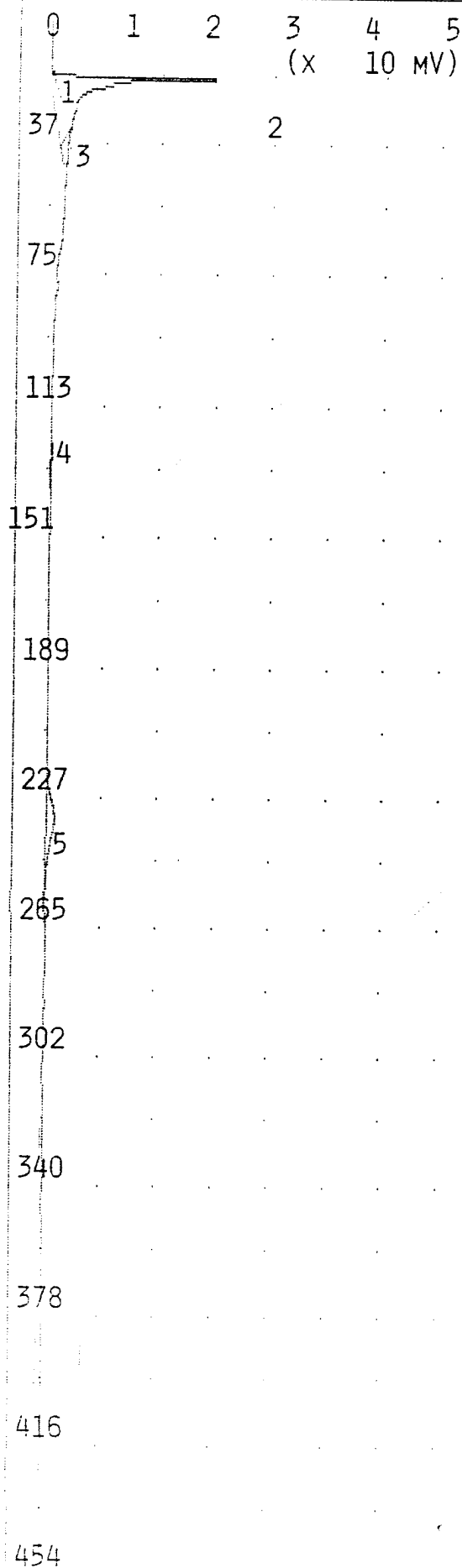
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	46.18 MVS	16.6
2	TOLUENE	1.561 PPB	124.2
3	ETHYLBENNZENE	13.99 PPB	230.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
3 Nov 1994
A40-00134 14.5'-16.0'

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 14:47

SAMPLE TIME: NOV 8,94 14:38

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.223 MVS	15.5
2	UNKNOWN	73.07 MVS	16.6
3	UNKNOWN	0.064 MVS	30.8
4	TOLUENE	1.626 PPB	124.1
5	UNKNOWN	15.74 MVS	231.0

NOTES

JOE BYRD, JR.

COOS BAY ANG

8 Nov 1994

A40-001BH 18.5'-19.5'

ANALYSIS #11

10S+ GC FUNCTION ANALYSIS REPORT

TIME PRINTED: Nov 8,94 15:01

SAMPLE TIME: Nov 8,94 14:52

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.574 MVS	15.2
2	UNKNOWN	6.698 MVS	16.8
3	UNKNOWN	20.07 MVS	18.9
4	TOLUENE	1.111 PPB	124.8
5	UNKNOWN	6.719 MVS	231.0

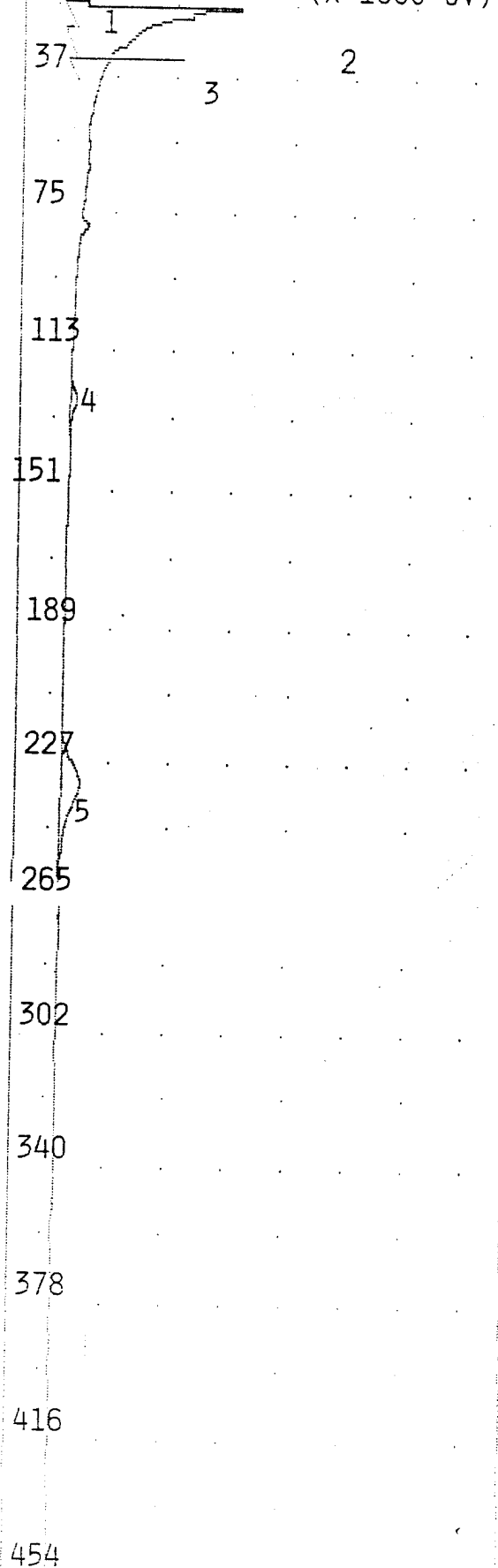
NOTES

JOE BYRD, JR.

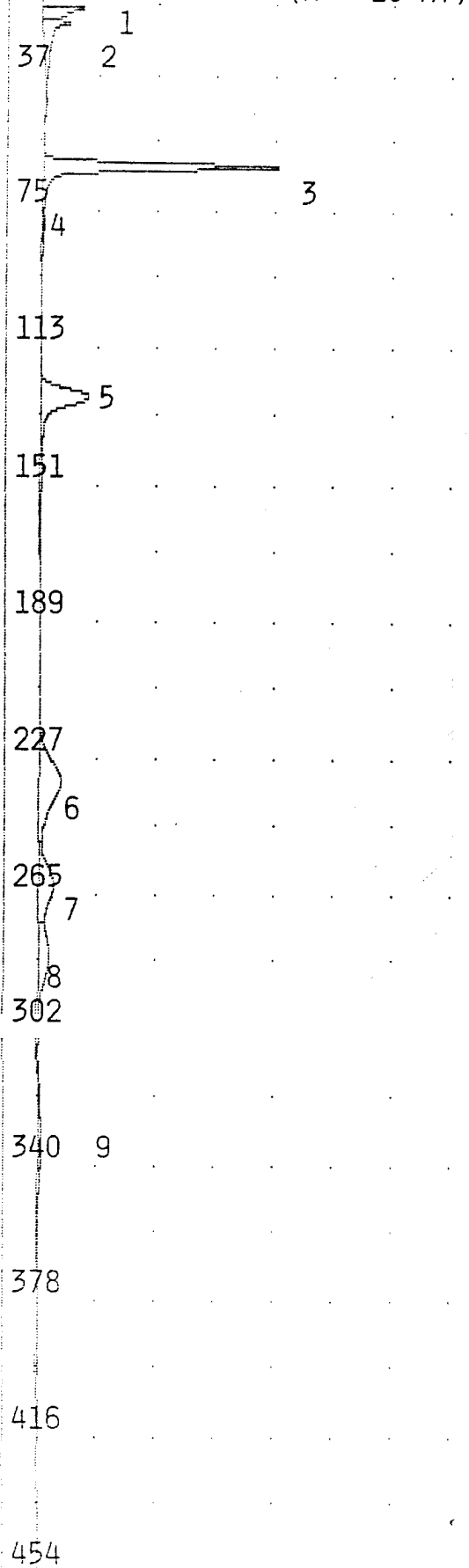
COOS BAY ANG5

8 Nov 1994

BAA-002BH 1.0'-2.5'

0 2 4 6 8 10
(x 1000 uV)

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 8,94 15:15

SAMPLE TIME: NOV 8,94 15:06

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

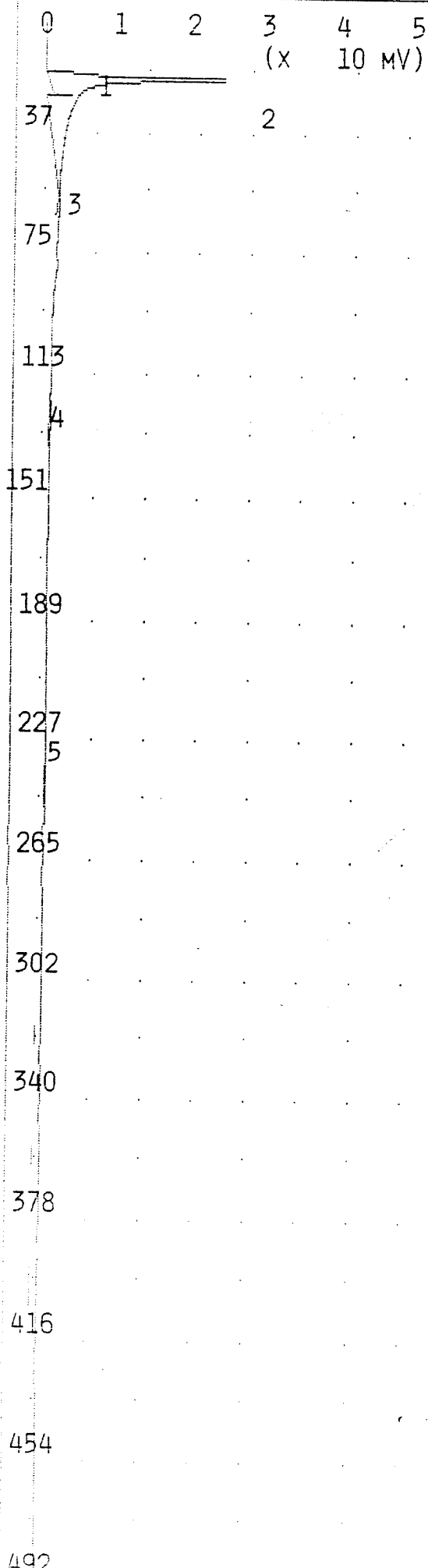
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.33 MVS	16.8
2	UNKNOWN	34.06 MVS	20.7
3	BENZENE	92.00 PPB	61.0
4	UNKNOWN	1.470 MVS	77.0
5	TOLUENE	99.16 PPB	124.5
6	UNKNOWN	78.70 MVS	231.0
7	ETHYLBENNZENE	100.8 PPB	259.7
8	M,P-XYLENE	204.8 PPB	279.2
9	O-XYLENE	101.9 PPB	331.7

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
8 NOV 1994
100 PPB BTEX

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 15:28

SAMPLE TIME: NOV 8,94 15:19

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.207 MVS	16.8
2	UNKNOWN	103.7 MVS	18.2
3	UNKNOWN	0.029 MVS	53.8
4	TOLUENE	1.101 PPB	124.9
5	UNKNOWN	1.048 MVS	230.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
AIR BLANK

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 1000 uV)

TIME PRINTED: NOV 8,94 15:43

SAMPLE TIME: NOV 8,94 15:35

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.223 MVS	15.4
2	UNKNOWN	21.18 MVS	16.8
3	UNKNOWN	0.065 MVS	27.6
4	UNKNOWN	0.152 MVS	54.4
5	TOLUENE	1.015 PPB	124.5
6	UNKNOWN	5.850 MVS	231.2

NOTES

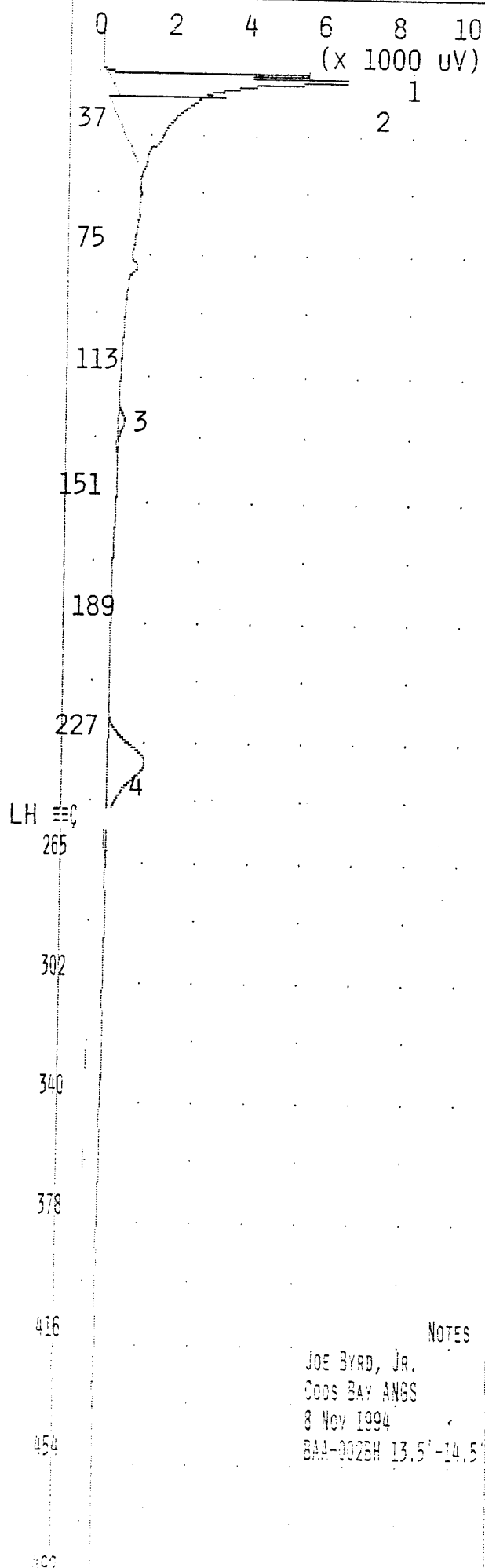
JOE BYRD, JR.

COOS BAY ANG5

8 NOV 1994

BAA-002BH 4.5'-6.0'

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 15:57
 SAMPLE TIME: Nov 8,94 15:48
 METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 530.0 SEC

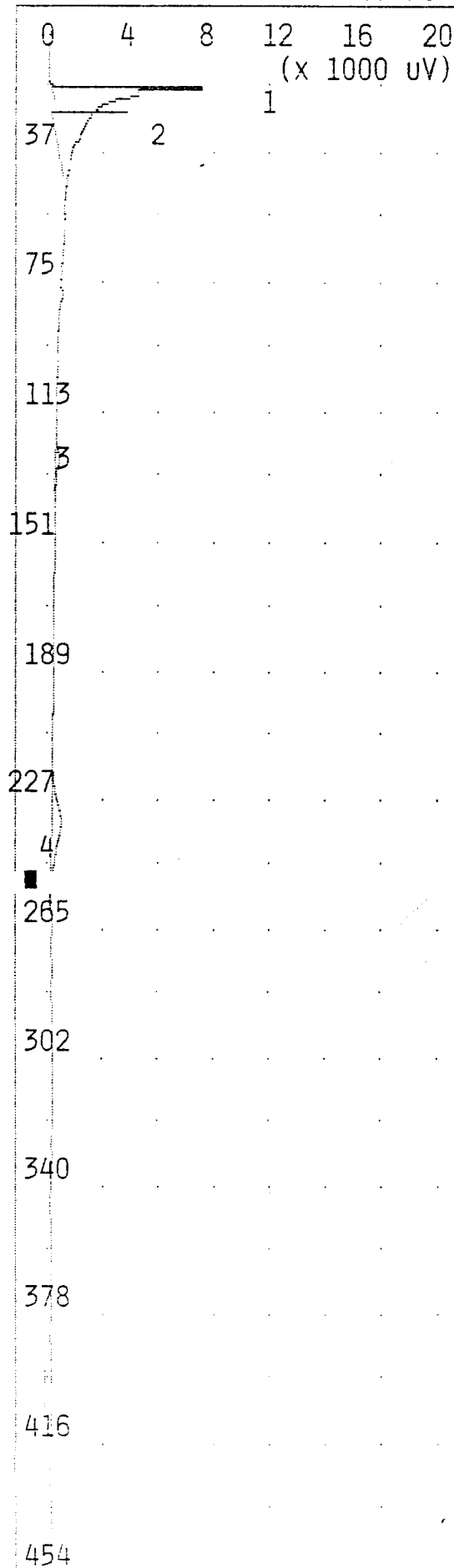
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.451 MVS	16.8
2	UNKNOWN	43.54 MVS	18.3
3	TOLUENE	1.219 PPB	124.1
4	UNKNOWN	15.02 MVS	231.4

NOTES

JOE BYRD, JR.
 COOS BAY ANGSS
 8 Nov 1994
 BAA-002BH 13.5'-14.5'

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 16:10

SAMPLE TIME: NOV 8,94 16:02

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

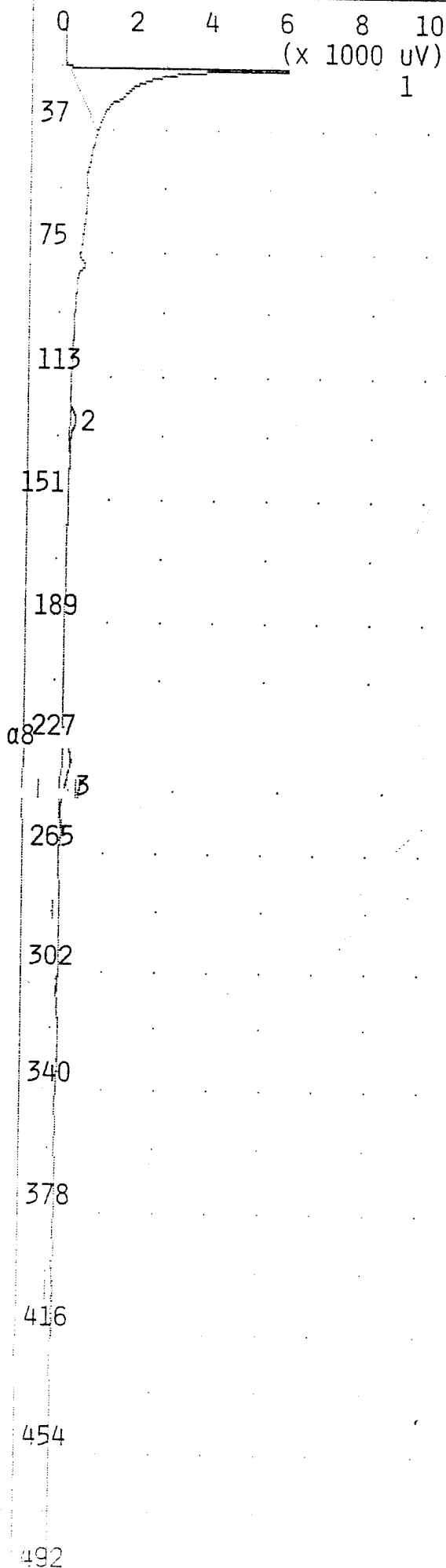
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.587 MVS	16.6
2	UNKNOWN	33.72 MVS	18.3
3	TOLUENE	1.484 PPB	124.8
4	UNKNOWN	6.573 MVS	231.0

NOTES

JOE BYRD, JR.
 COOS BAY ANGUS
 8 Nov 1994
 BAA-002BH 18.5'-19.5'

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 16:24
SAMPLE TIME: Nov 8,94 16:15

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

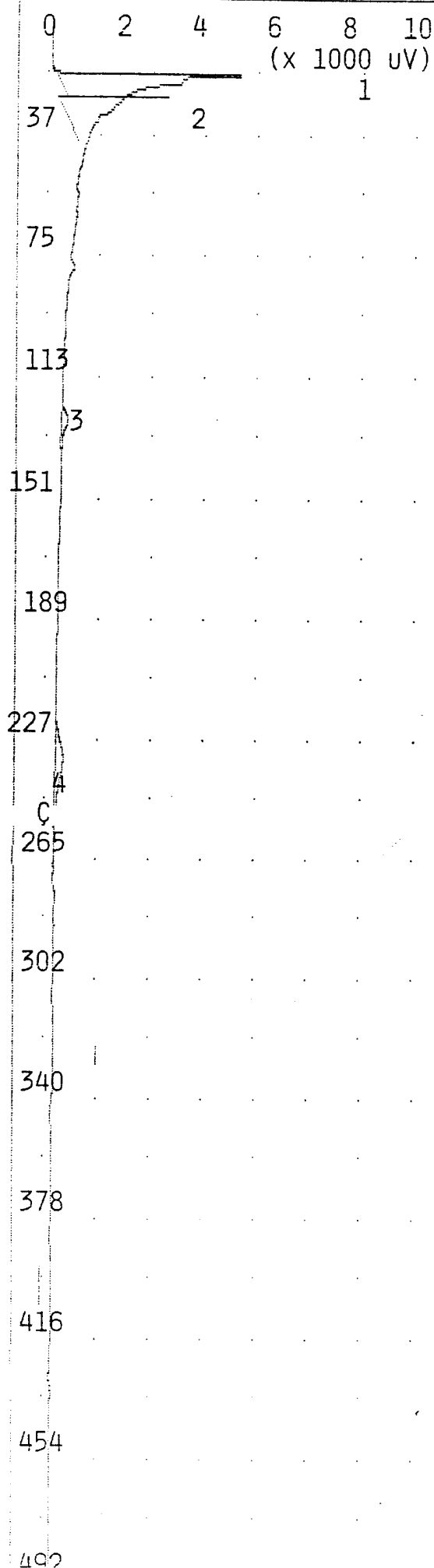
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	26.77 MVS	16.7
2	TOLUENE	1.153 PPB	125.2
3	UNKNOWN	3.581 MVS	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
8 Nov 1994
BAA-001BH 1.0'-2.5'

ANALYSIS #18

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 16:37

SAMPLE TIME: NOV 8,94 16:28

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.691 MVS	16.8
2	UNKNOWN	22.81 MVS	19.0
3	TOLUENE	1.279 PPB	125.0
4	UNKNOWN	2.922 MVS	230.6

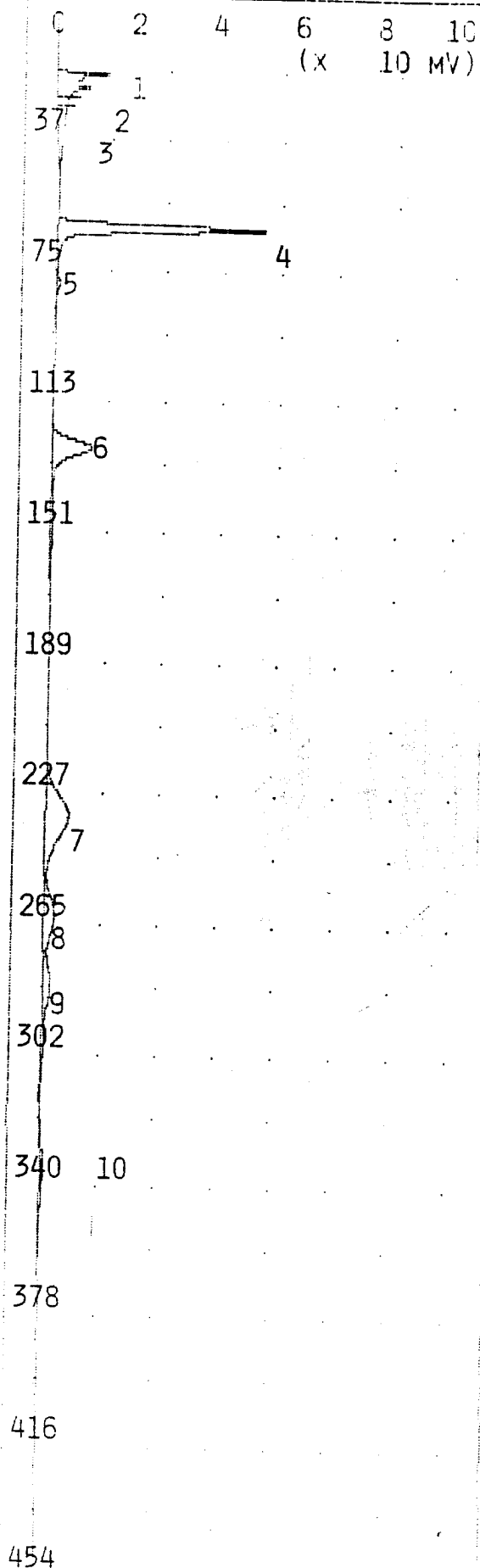
NOTES

JOE BYRD, JR.

COOS BAY ANG

8 Nov 1994

BAA-001BH 4.5'-6.0'



TIME PRINTED: NOV 8,94 16:51

SAMPLE TIME: NOV 8,94 16:42

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 530.0 SEC

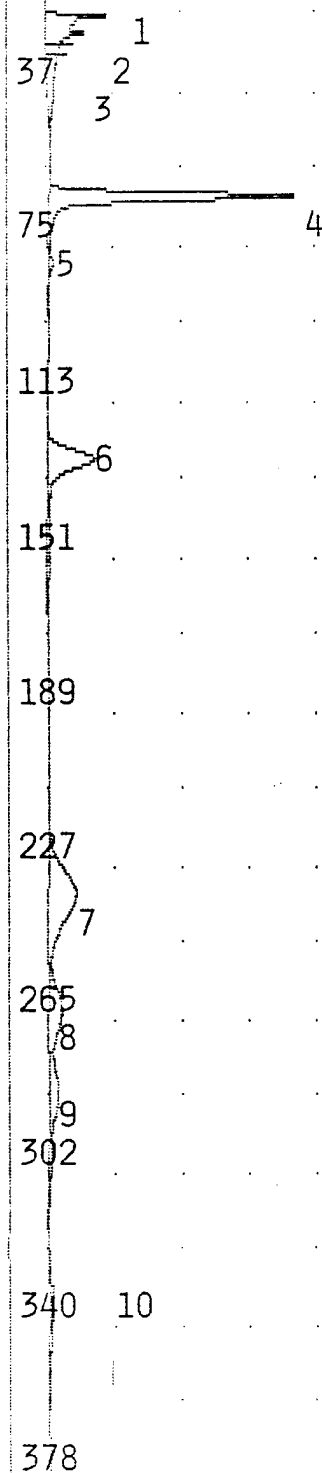
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.70 MVS	16.6
2	UNKNOWN	10.94 MVS	18.2
3	UNKNOWN	46.01 MVS	20.7
4	BENZENE	84.68 PPB	61.0
5	UNKNOWN	3.692 MVS	77.2
6	TOLUENE	78.93 PPB	124.6
7	UNKNOWN	84.93 MVS	231.0
8	ETHYLBENNZENE	74.63 PPB	260.0
9	M,P-XYLENE	145.8 PPB	280.0
10	O-XYLENE	74.49 PPB	332.0

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 8 NOV 1994
 100 PPB BTEX

0 2 4 6 8 10
(x 10 mV)



TIME PRINTED: NOV 8,94 16:57

SAMPLE TIME: NOV 8,94 16:42

METHOD

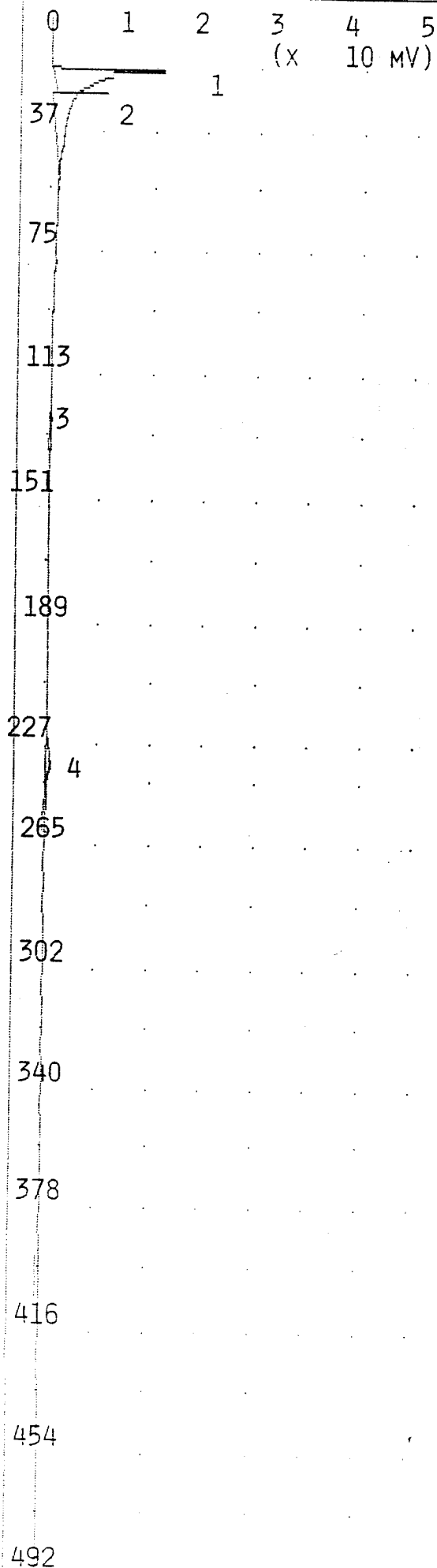
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.70 MVS	16.6
2	UNKNOWN	10.94 MVS	18.2
3	UNKNOWN	46.01 MVS	20.7
4	BENZENE	100.0 PPB	61.0
5	UNKNOWN	3.692 MVS	77.2
6	TOLUENE	100.0 PPB	124.6
7	UNKNOWN	84.93 MVS	231.0
8	ETHYLBENZENE	100.0 PPB	260.0
9	M,P-XYLENE	200.0 PPB	280.0
10	O-XYLENE	100.0 PPB	332.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
100 PPB BTEX



TIME PRINTED: NOV 8,94 17:12

SAMPLE TIME: NOV 8,94 17:03

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.23 MVS	16.7
2	UNKNOWN	64.68 MVS	18.2
3	TOLUENE	1.548 PPB	124.6
4	UNKNOWN	7.956 MVS	231.2

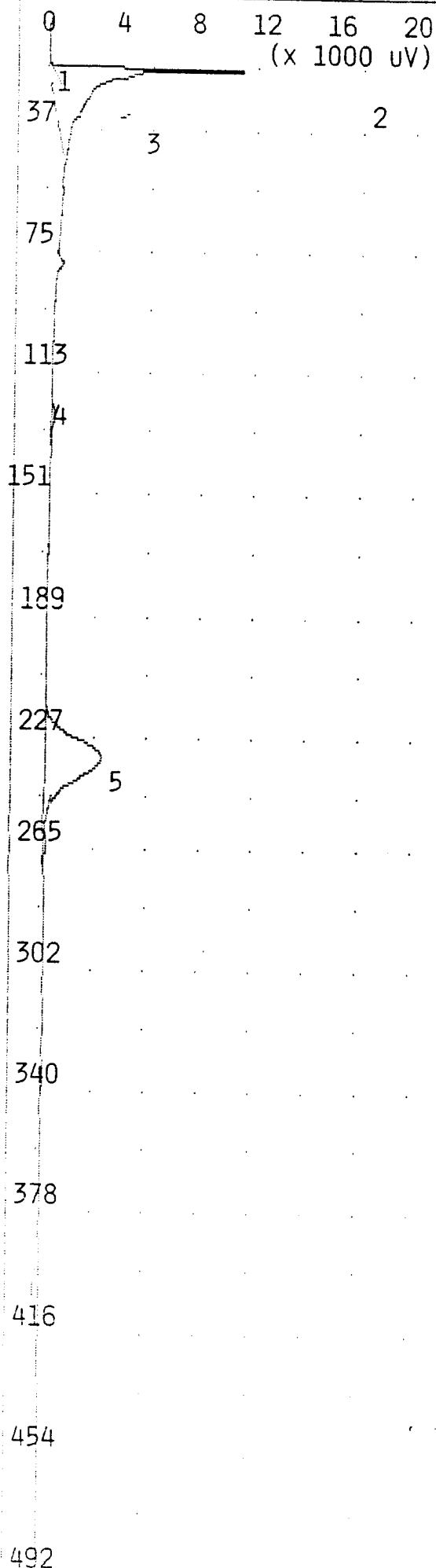
NOTES

JOE BYRD, JR.

COOS BAY ANGCS

8 Nov 1994

BAA-001BH 14.5'-16.0'



TIME PRINTED: Nov 8,94 17:25

SAMPLE TIME: Nov 8,94 17:16

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

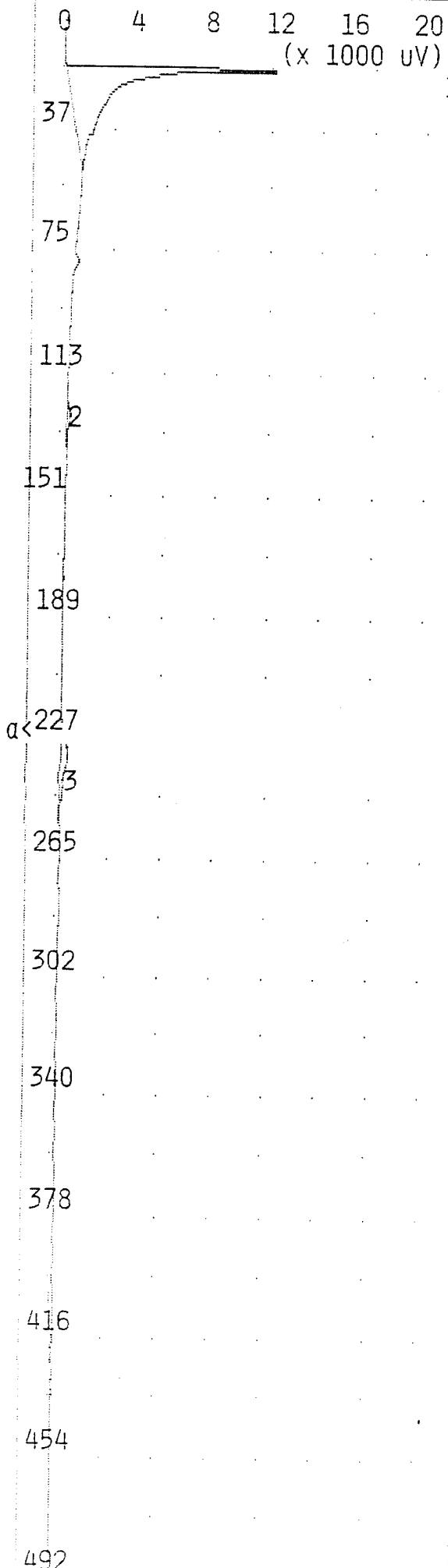
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.083 MVS	15.4
2	UNKNOWN	47.54 MVS	16.4
3	UNKNOWN	0.480 MVS	18.8
4	TOLUENE	1.881 PPB	124.2
5	UNKNOWN	45.62 MVS	230.8

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
8 Nov 1994
BAA-001BH 18.5'-19.5'

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 17:40
SAMPLE TIME: NOV 8,94 17:31

METHOD

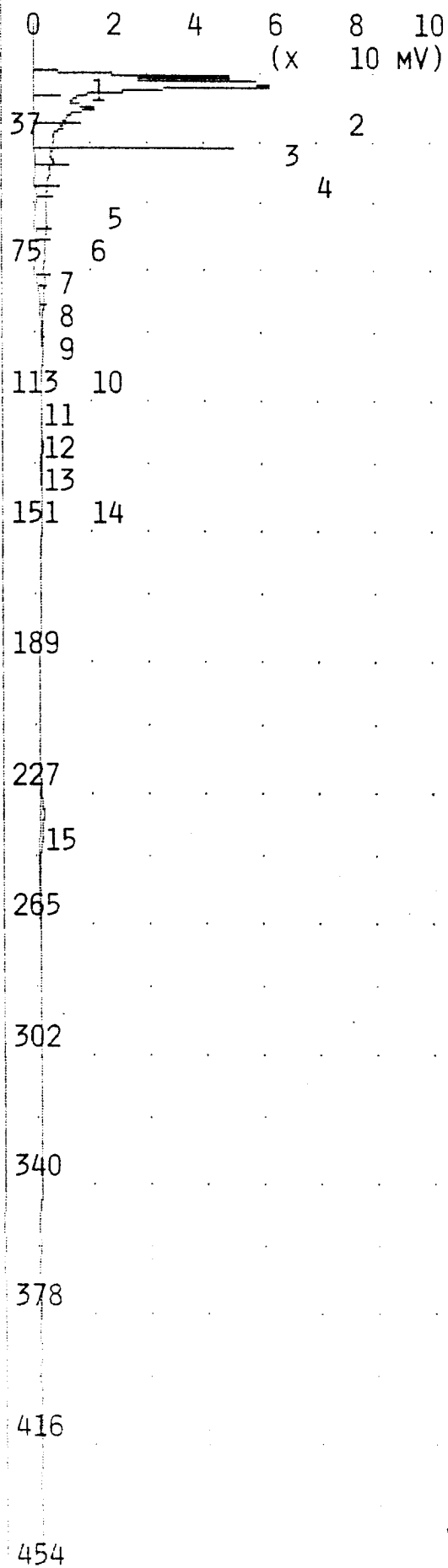
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	64.00 MVS	16.4
2	TOLUENE	1.727 PPB	124.4
3	UNKNOWN	5.616 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
8 Nov 1994
BAA-003BH 4.5'-6.0'



TIME PRINTED: Nov 8,94 17:52

SAMPLE TIME: Nov 8,94 17:43

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 530.0 SEC

PEAK REPORT

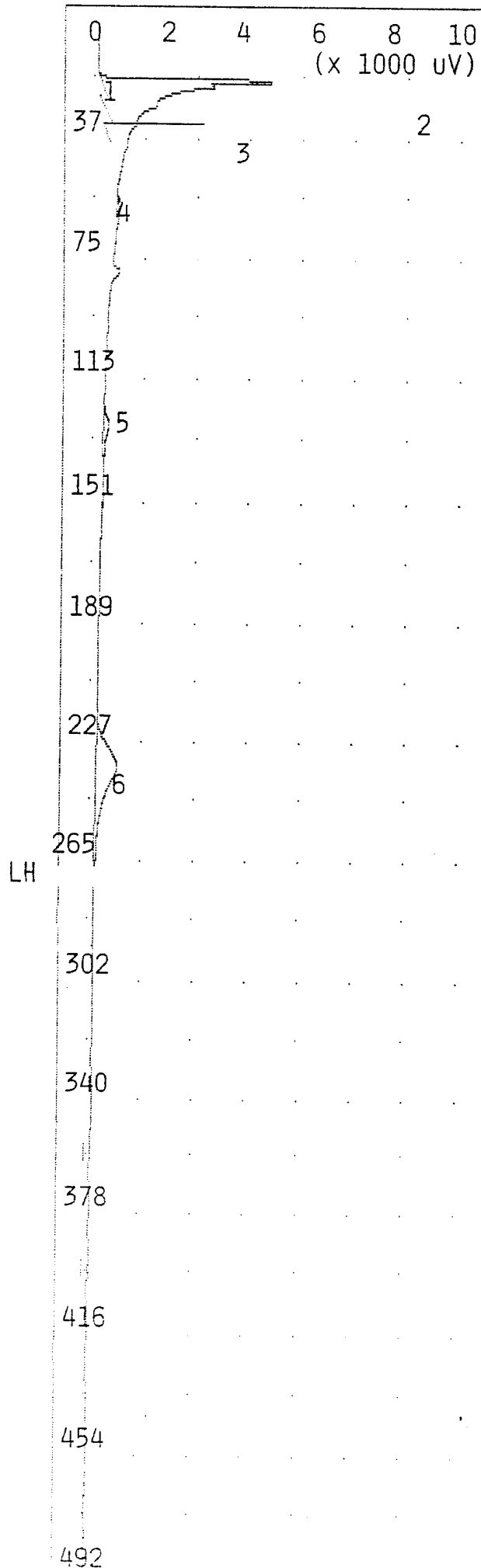
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.110 MVS	15.6
2	UNKNOWN	56.89 MVS	16.6
3	UNKNOWN	47.32 MVS	18.2
4	UNKNOWN	132.2 MVS	19.2
5	UNKNOWN	62.43 MVS	25.5
6	UNKNOWN	19.16 MVS	31.0
7	UNKNOWN	12.51 MVS	34.8
8	UNKNOWN	12.68 MVS	37.6
9	UNKNOWN	15.43 MVS	41.4
10	UNKNOWN	22.93 MVS	44.7
11	UNKNOWN	10.67 MVS	54.9
12	BENZENE	15.28 PPB	60.9
13	UNKNOWN	9.765 MVS	77.2
14	TOLUENE	2.704 PPB	124.0
15	UNKNOWN	12.31 MVS	230.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG5
 8 Nov 1994
 BAA-003BH 8.5'-9.5'

ANALYSIS #24

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 18:06

SAMPLE TIME: Nov 8,94 17:57

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

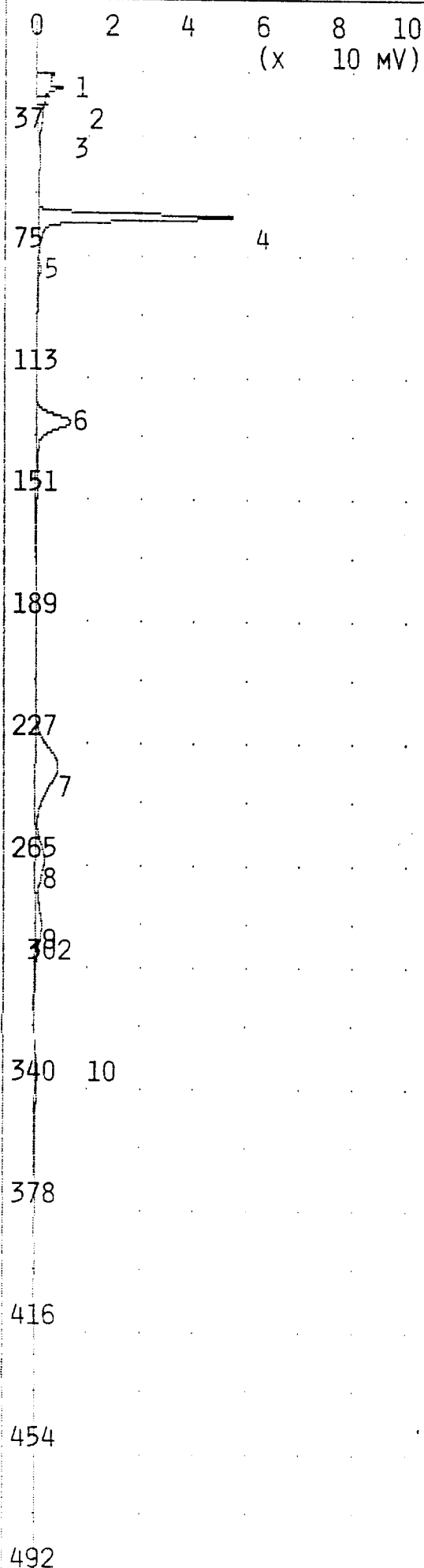
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.105 MVS	15.8
2	UNKNOWN	9.307 MVS	17.0
3	UNKNOWN	17.41 MVS	19.3
4	UNKNOWN	0.172 MVS	54.5
5	TOLUENE	1.372 PPB	125.3
6	UNKNOWN	9.612 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
BAA-003BH 13.5'-15.0'

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 18:20

SAMPLE TIME: Nov 8,94 18:10

METHOD

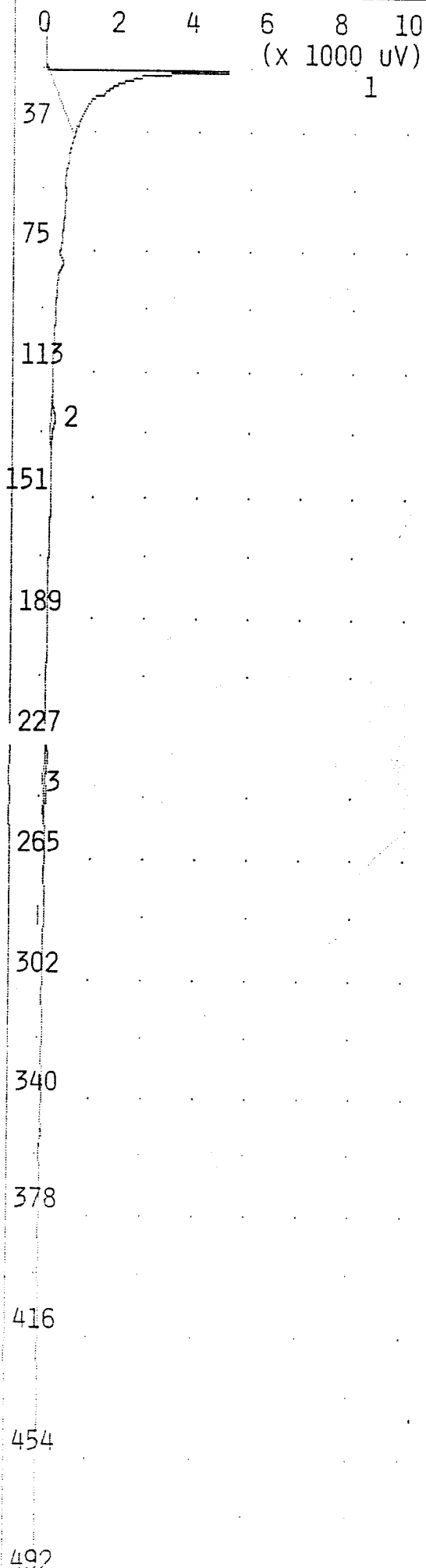
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.630 MVS	16.8
2	UNKNOWN	7.249 MVS	18.4
3	UNKNOWN	29.63 MVS	20.8
4	BENZENE	103.7 PPB	61.2
5	UNKNOWN	2.399 MVS	77.3
6	TOLUENE	96.92 PPB	125.0
7	UNKNOWN	90.60 MVS	232.2
8	ETHYLBENNZENE	90.31 PPB	261.0
9	M,P-XYLENE	177.0 PPB	281.0
10	O-XYLENE	92.06 PPB	332.8

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 8 Nov 1994
 100 PPB BTEX



TIME PRINTED: NOV 8,94 18:33

SAMPLE TIME: NOV 8,94 18:24

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000

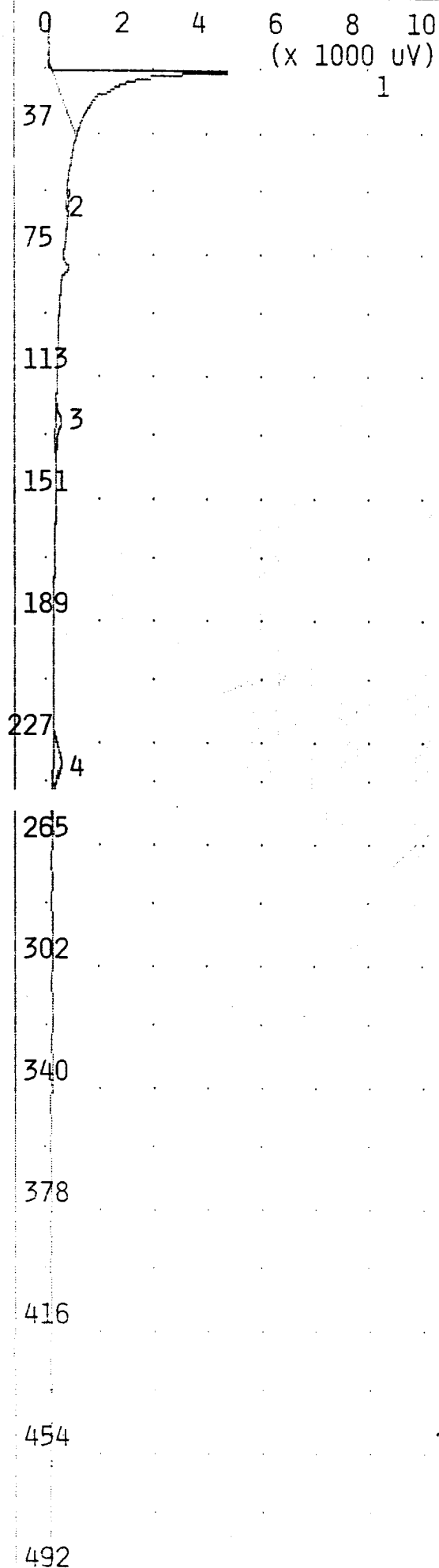
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.72 MVS	16.7
2	TOLUENE	0.880 PPB	124.9
3	UNKNOWN	0.658 MVS	230.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
AIR BLANK



TIME PRINTED: NOV 8,94 18:45

SAMPLE TIME: NOV 8,94 18:36

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

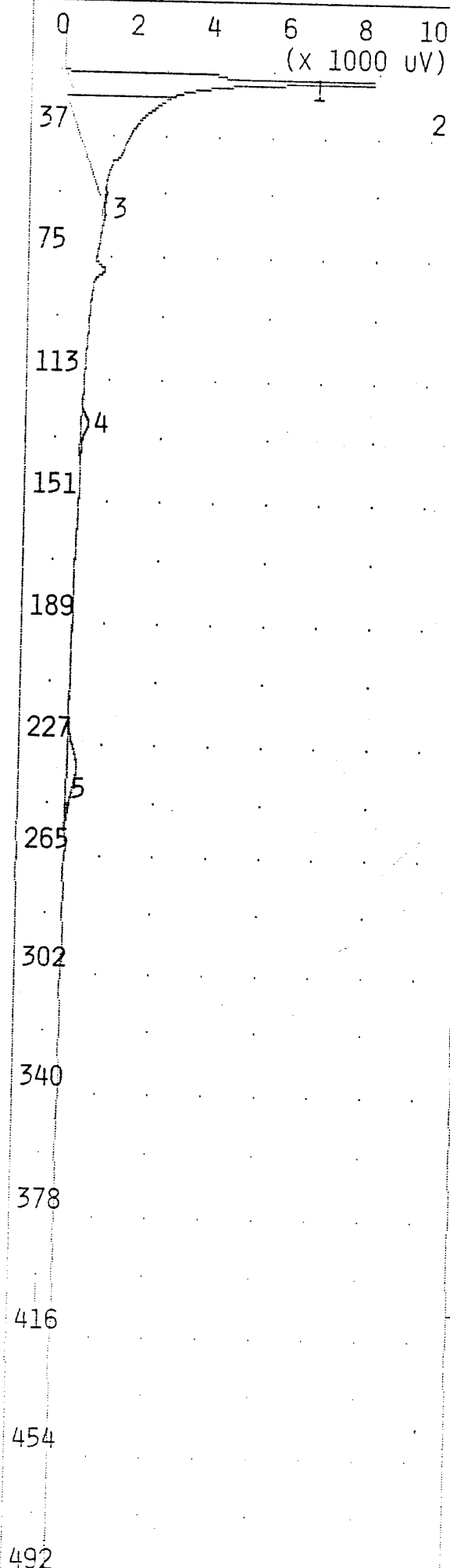
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	22.55 MVS	16.8
2	UNKNOWN	0.176 MVS	54.1
3	TOLUENE	1.258 PPB	124.6
4	UNKNOWN	3.575 MVS	232.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
BAA-003BH 1.0'-2.5'

ANALYSIS #28

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 18:58

SAMPLE TIME: NOV 8,94 18:49

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

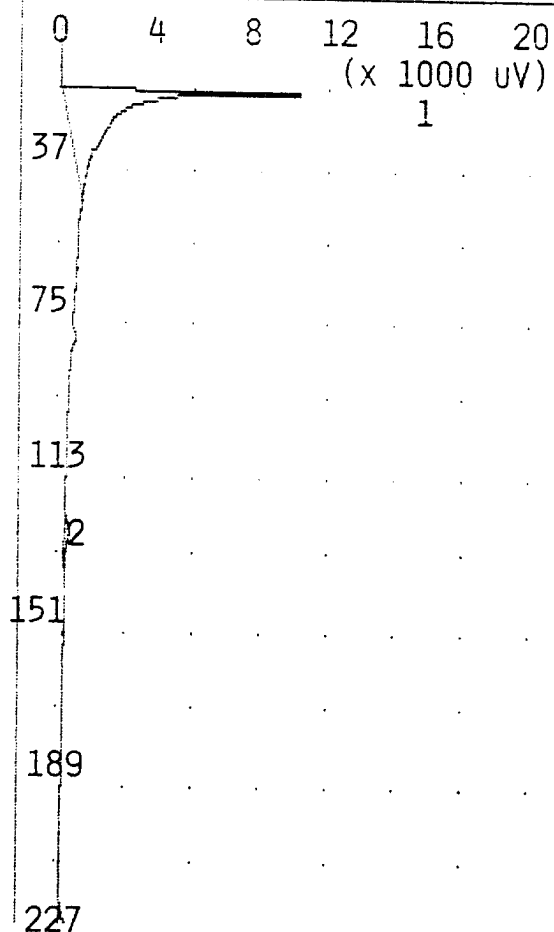
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.462 MVS	16.8
2	UNKNOWN	58.72 MVS	18.2
3	UNKNOWN	0.040 MVS	53.8
4	TOLUENE	1.743 PPB	124.6
5	UNKNOWN	3.607 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
BAA-002BH 8.5'-10.0'

ANALYSIS #29

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 19:10

SAMPLE TIME: Nov 8,94 19:01

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	44.30 MVS	16.5
2	TOLUENE	1.712 PPB	124.4
3	UNKNOWN	29.14 MVS	231.6

3

265

302

340

378

416

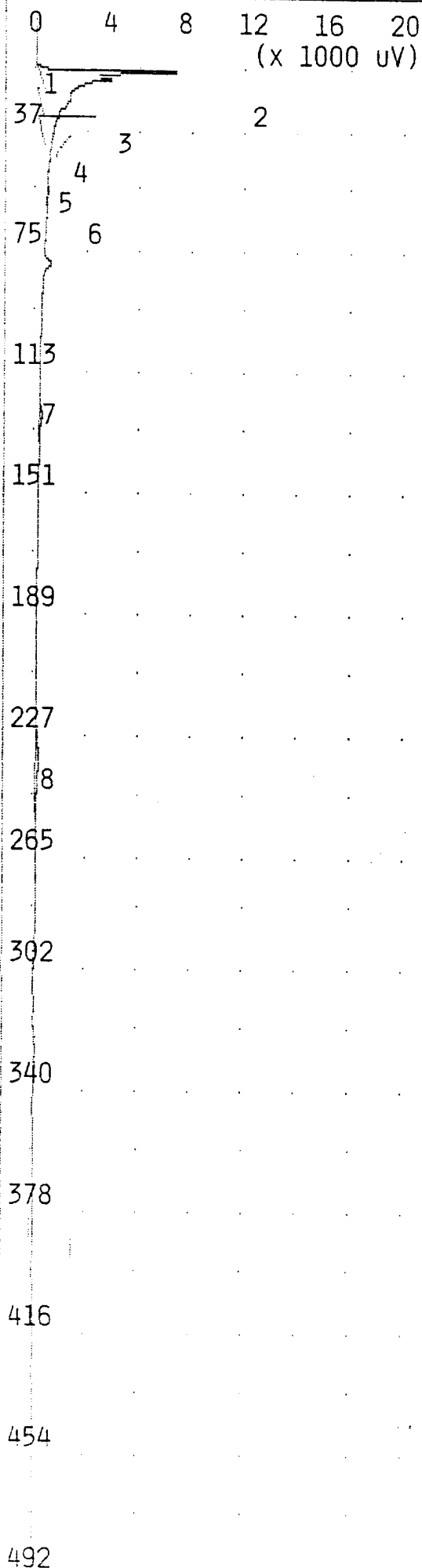
454

492

530

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
BAA-001BH 9.5'-11.0'



TIME PRINTED: NOV 8,94 19:23

SAMPLE TIME: NOV 8,94 19:14

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

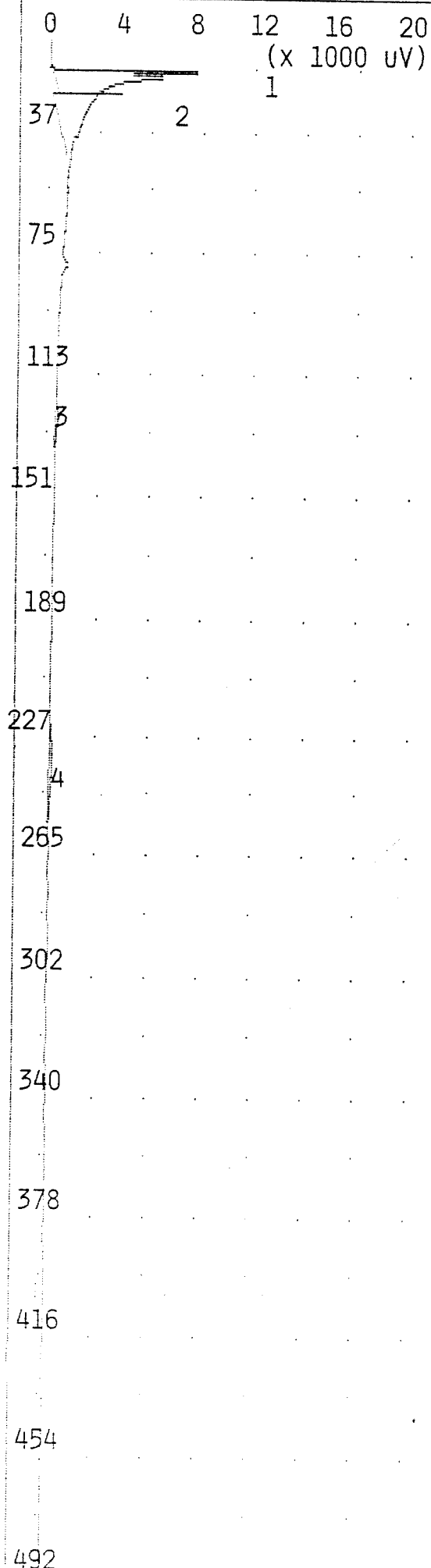
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.224 MVS	15.6
2	UNKNOWN	11.62 MVS	16.7
3	UNKNOWN	23.73 MVS	19.2
4	UNKNOWN	0.556 MVS	25.4
5	UNKNOWN	0.152 MVS	30.8
6	UNKNOWN	0.182 MVS	54.5
7	TOLUENE	1.384 PPB	124.9
8	UNKNOWN	1.696 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
BAA-001BH 18.5'-19.5'

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 19:35

SAMPLE TIME: NOV 8,94 19:26

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

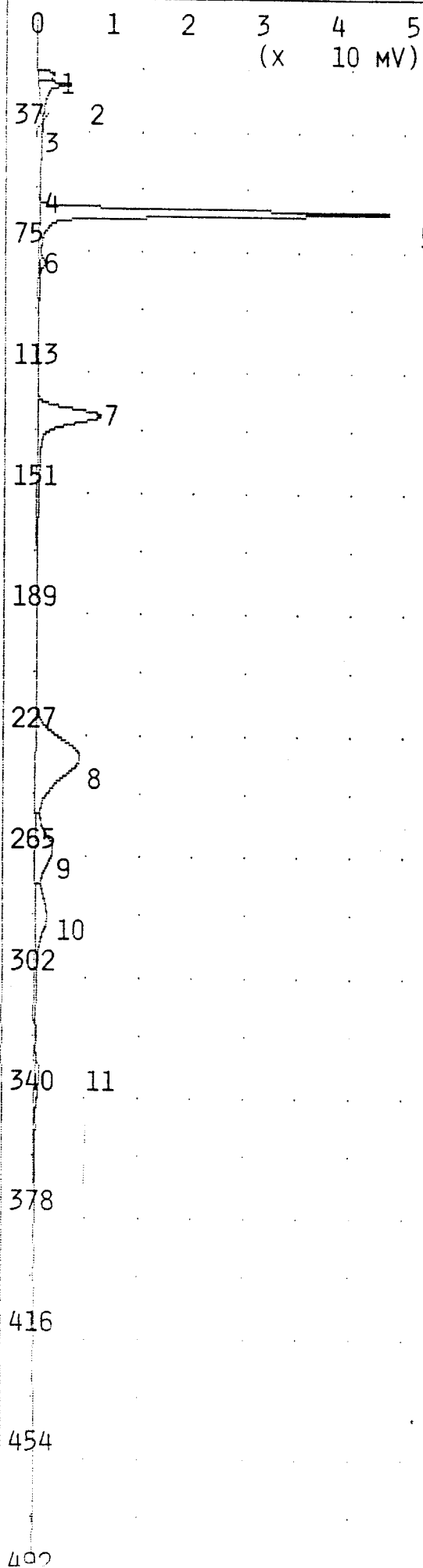
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.046 MVS	16.6
2	UNKNOWN	41.59 MVS	18.4
3	TOLUENE	1.340 PPB	124.6
4	UNKNOWN	2.245 MVS	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
A48-001BH 3.5'-5.0'



TIME PRINTED: Nov 8,94 19:47

SAMPLE TIME: Nov 8,94 19:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

PEAK REPORT

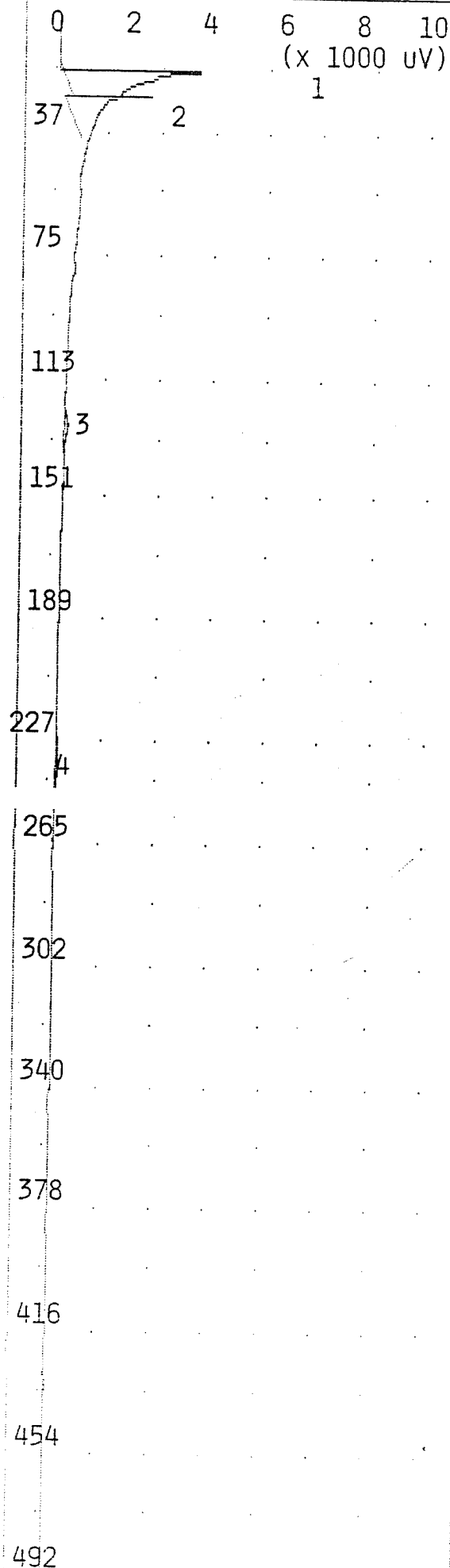
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.368 MVS	17.0
2	UNKNOWN	15.05 MVS	20.8
3	UNKNOWN	0.119 MVS	24.1
4	UNKNOWN	0.193 MVS	54.7
5	BENZENE	93.82 PPB	61.1
6	UNKNOWN	1.686 MVS	77.3
7	TOLUENE	91.68 PPB	124.9
8	UNKNOWN	90.07 MVS	231.8
9	ETHYLBENZENE	87.74 PPB	260.2
10	M,P-XYLENE	175.0 PPB	280.5
11	O-XYLENE	95.45 PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
100 PPB BTEX

ANALYSIS #33

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 20:00

SAMPLE TIME: NOV 8,94 19:51

METHOD

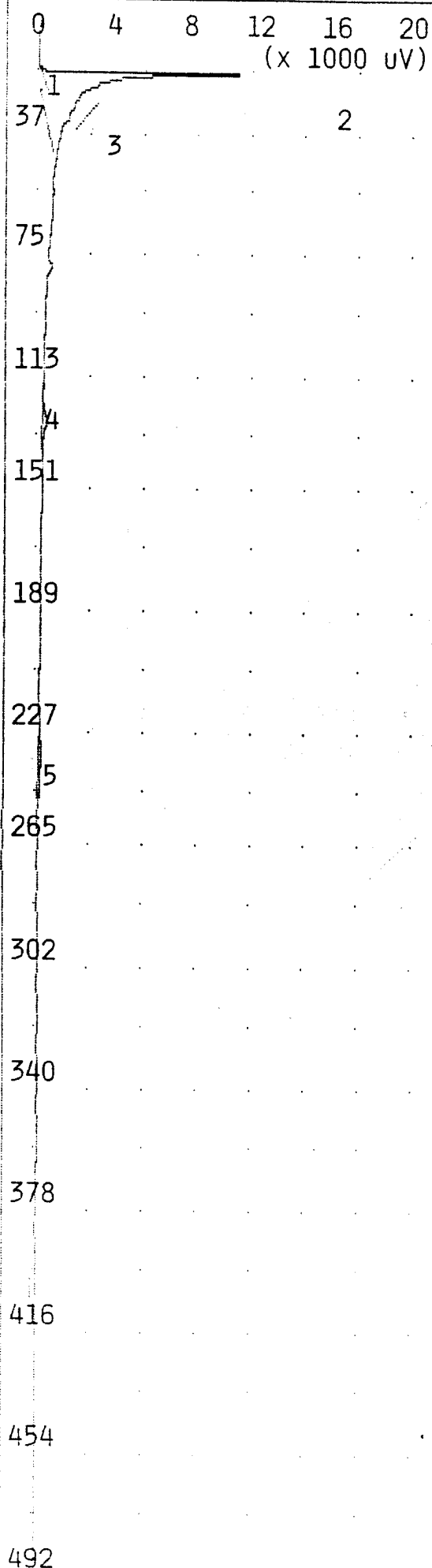
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.523 MVS	16.8
2	UNKNOWN	17.32 MVS	18.6
3	TOLUENE	0.788 PPB	125.0
4	UNKNOWN	0.664 MVS	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
AIR BLANK



TIME PRINTED: Nov 8,94 20:12

SAMPLE TIME: Nov 8,94 20:03

METHOD

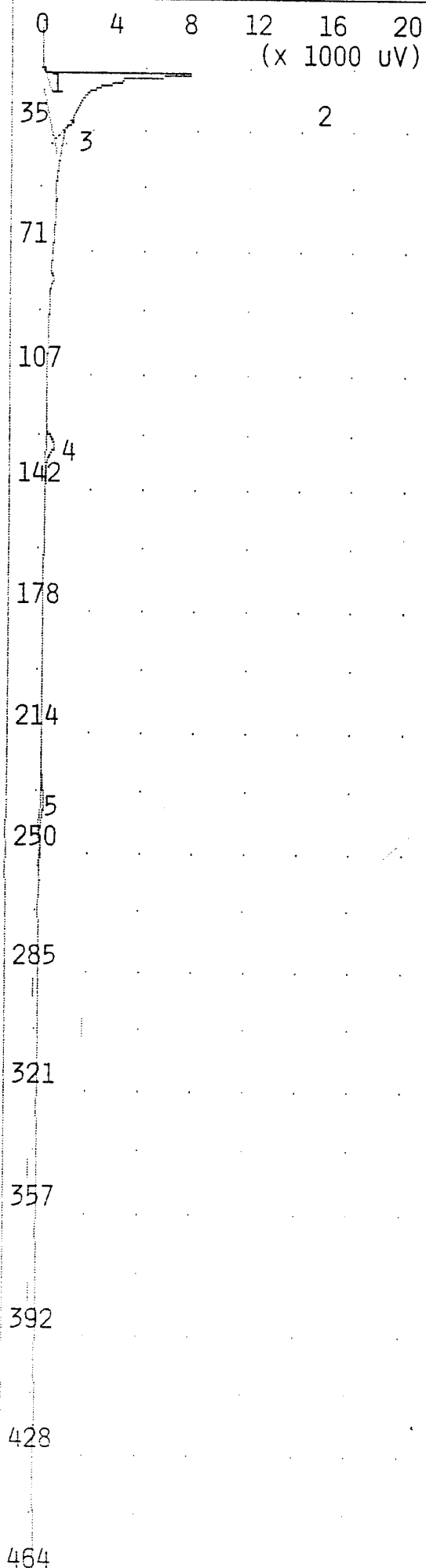
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 530.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.094 MVS	15.6
2	UNKNOWN	44.52 MVS	16.8
3	UNKNOWN	0.108 MVS	20.8
4	TOLUENE	1.748 PPB	125.3
5	UNKNOWN	1.186 MVS	231.4

NOTES

JOE BYRD, JR.
COOS BAY ANS
8 Nov 1994
A48-001BH 8.5-10.0



TIME PRINTED: Nov 8,94 20:23

SAMPLE TIME: Nov 8,94 20:15

METHOD

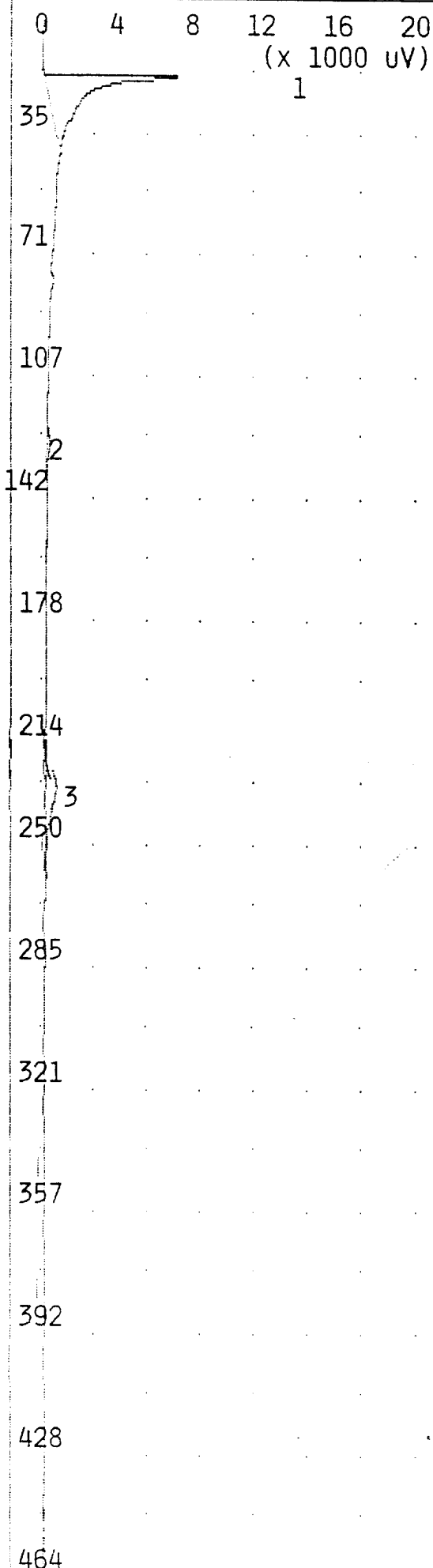
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	500.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.113 MVS	15.6
2	UNKNOWN	43.74 MVS	16.7
3	UNKNOWN	0.291 MVS	30.8
4	TOLUENE	4.414 PPB	124.9
5	UNKNOWN	2.189 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
8 Nov 1994
A48-001BH 13.5-15.0



TIME PRINTED: NOV 8,94 20:35

SAMPLE TIME: NOV 8,94 20:27

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 500.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	37.94 MVS	16.7
2	TOLUENE	1.595 PPB	124.6
3	UNKNOWN	9.575 MVS	231.4

NOTES

JOE BYRD, JR.

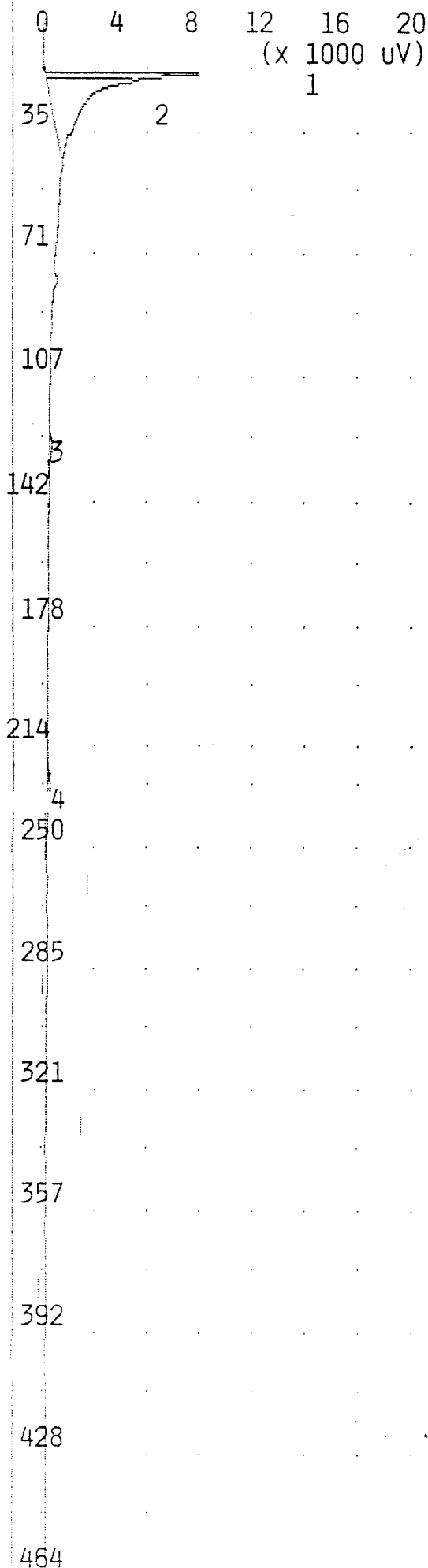
COOS BAY ANGTS

8 Nov 1994

A48-001BH 18.5-19.5

ANALYSIS #37

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 20:47

SAMPLE TIME: Nov 8,94 20:39

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 500.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.99 MVS	16.7
2	UNKNOWN	37.09 MVS	18.3
3	TOLUENE	1.481 PPB	125.0
4	UNKNOWN	2.476 MVS	232.8

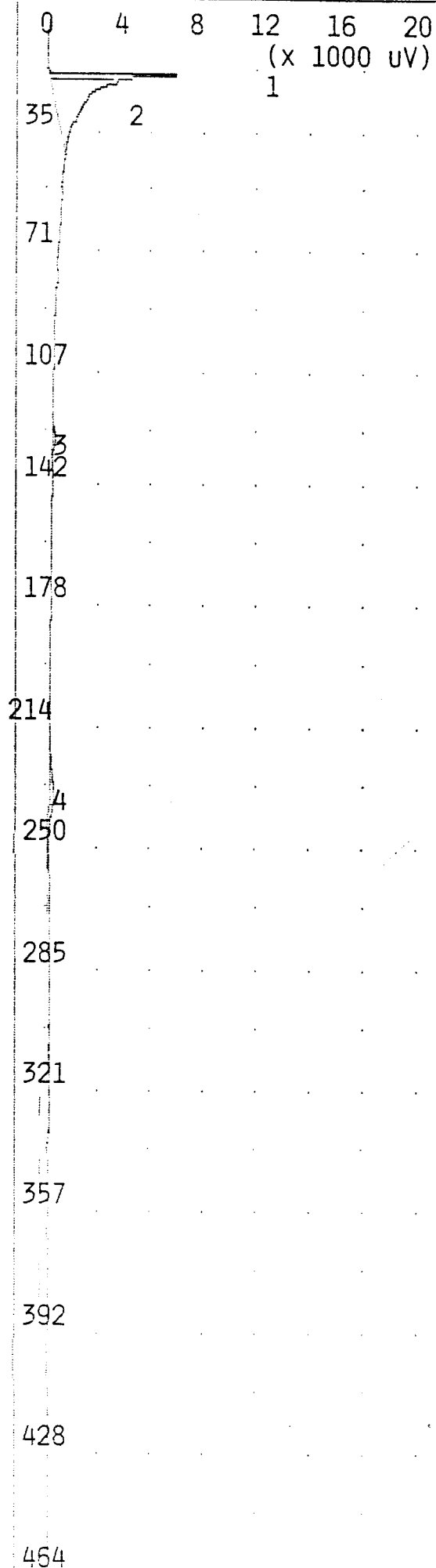
NOTES

JOE BYRD, JR.

COOS BAY ANG

8 Nov 1994

A48-001BH 23.5-24.5



TIME PRINTED: NOV 8,94 20:59

SAMPLE TIME: NOV 8,94 20:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	500.0	SEC

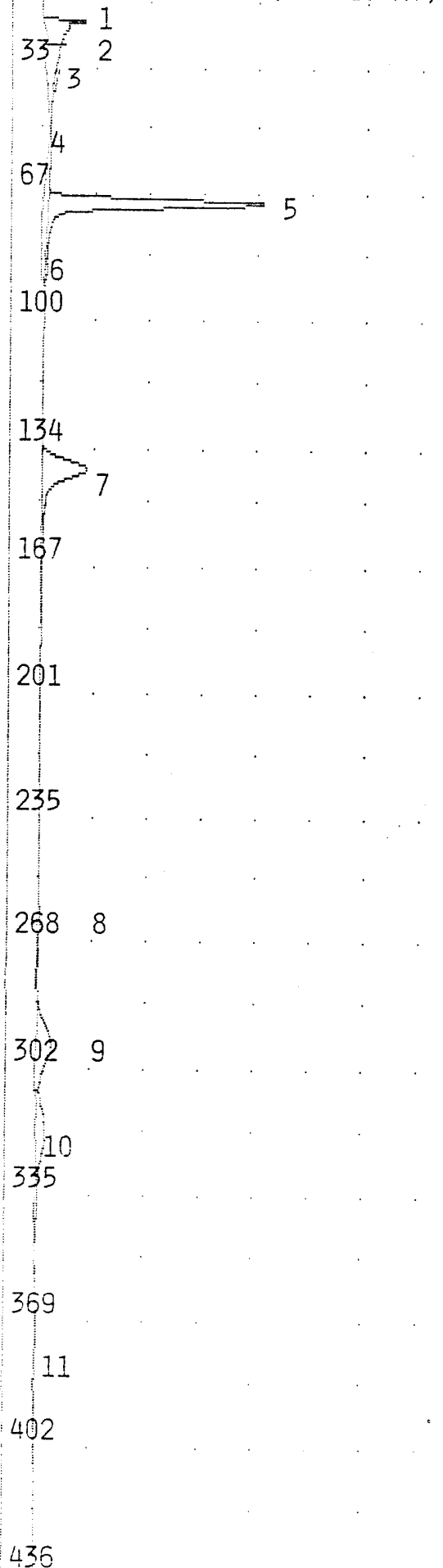
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.343 MVS	16.6
2	UNKNOWN	27.65 MVS	18.4
3	TOLUENE	1.499 PPB	124.5
4	UNKNOWN	2.948 MVS	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 Nov 1994
A48-001BH 28.5-29.5

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 9,94 08:08

SAMPLE TIME: NOV 9,94 08:00

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 24 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

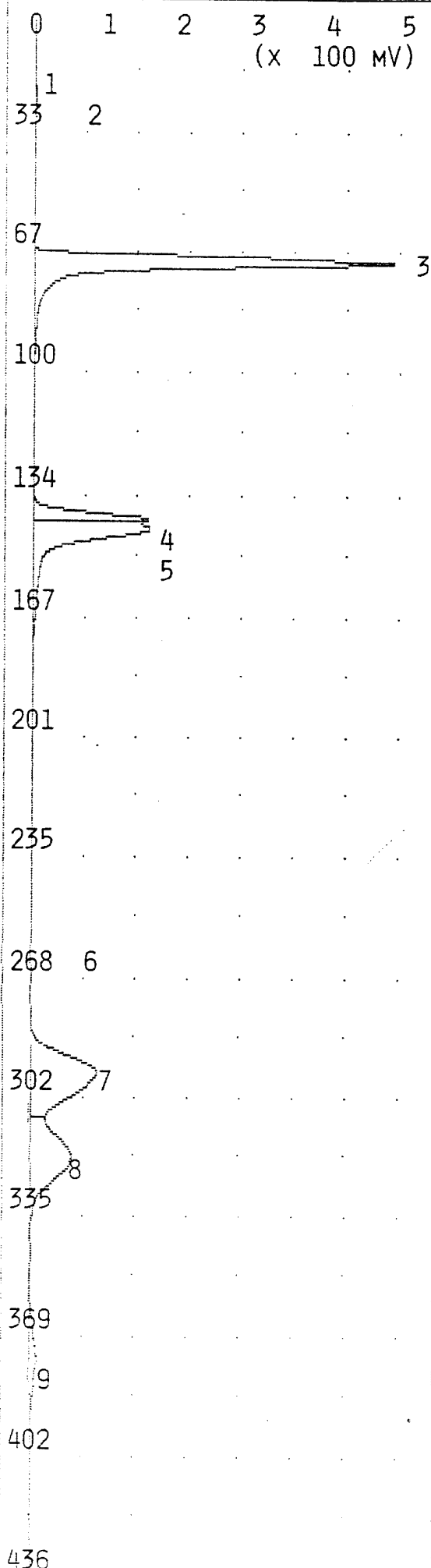
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.94 MVS	18.9
2	UNKNOWN	66.31 MVS	20.6
3	UNKNOWN	0.429 MVS	27.4
4	UNKNOWN	0.085 MVS	48.1
5	UNKNOWN	159.9 MVS	67.6
6	UNKNOWN	0.713 MVS	85.6
7	UNKNOWN	82.68 MVS	140.1
8	UNKNOWN	3.175 MVS	260.8
9	UNKNOWN	49.49 MVS	293.6
10	UNKNOWN	41.70 MVS	316.5
11	UNKNOWN	8.485 MVS	373.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 08:31
SAMPLE TIME: NOV 9,94 08:23

METHOD

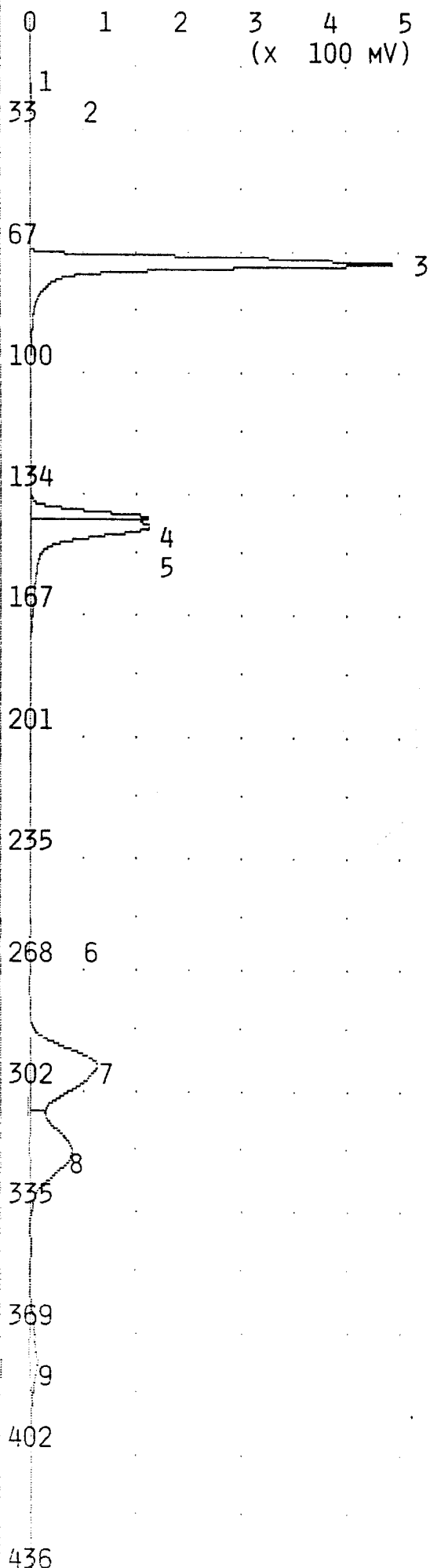
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.90 MVS	19.1
2	UNKNOWN	0.046 MVS	21.2
3	BENZENE	1.218 PPM	68.1
4	UNKNOWN	465.3 MVS	138.5
5	TOLUENE	1.129 PPM	141.2
6	UNKNOWN	2.989 MVS	260.5
7	ETHYLBENZENE	2.481 PPM	292.8
8	M,P-XYLENE	4.191 PPM	316.5
9	O-XYLENE	2.207 PPM	374.3

NOTES

JOE BYRD, JR.
COOS BAY ANG5
9 NOV 1994
1 PPM BTEX



TIME PRINTED: NOV 9,94 08:36

SAMPLE TIME: NOV 9,94 08:23

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 26 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

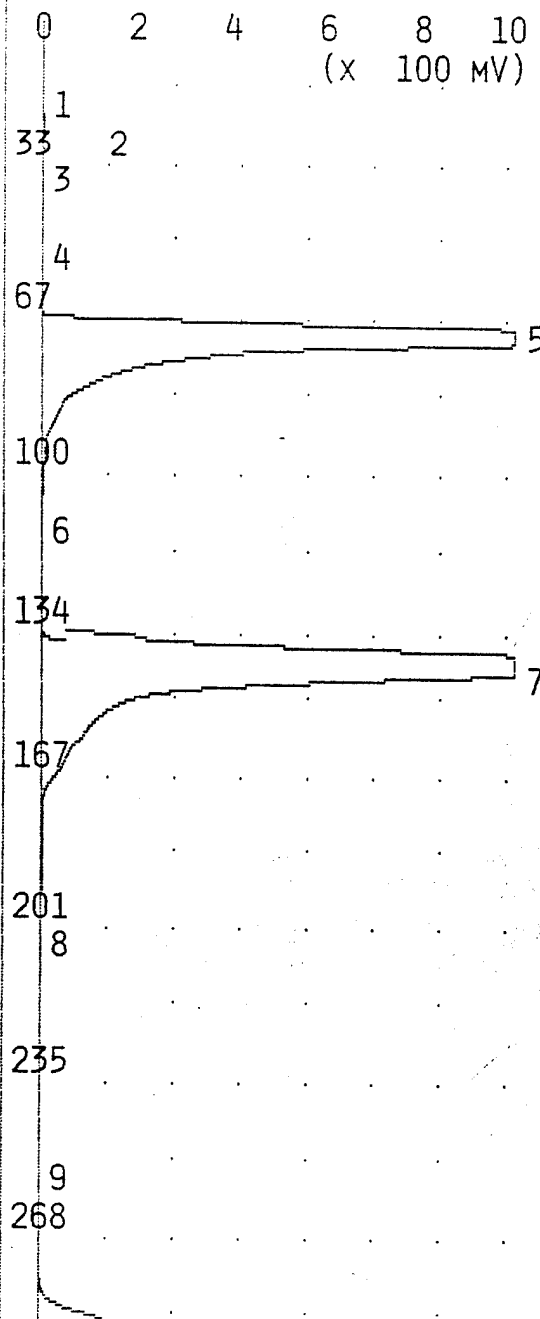
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.90 MVS	19.1
2	UNKNOWN	0.046 MVS	21.2
3	BENZENE	1.000 PPM	68.1
4	UNKNOWN	465.3 MVS	138.5
5	TOLUENE	1.000 PPM	141.2
6	UNKNOWN	2.989 MVS	260.5
7	ETHYLBENZENE	1.000 PPM	292.8
8	M,P-XYLENE	2.000 PPM	316.5
9	O-XYLENE	1.006 PPM	374.3

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 Nov 1994
 1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9, 94 08:49
 SAMPLE TIME: Nov 9, 94 08:41
 METHOD
 SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 27 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

PEAK REPORT		
PK	COMPOUND NAME	AREA/CONC R.T.
1	UNKNOWN	2.775 MVS 19.2
2	UNKNOWN	10.58 MVS 20.8
3	UNKNOWN	34.99 MVS 23.5
4	UNKNOWN	1.011 MVS 50.3
5	BENZENE	5.567 PPM 68.5
6	UNKNOWN	1.159 MVS 108.9
7	TOLUENE	14.02 PPM 141.0
8	UNKNOWN	1.035 MVS 202.4
9	UNKNOWN	4.437 MVS 254.1
10	ETHYLBENZENE	7.516 PPM 294.6
11	M,P-XYLENE	16.52 PPM 317.3
12	O-XYLENE	8.409 PPM 372.6

335

11

369

12

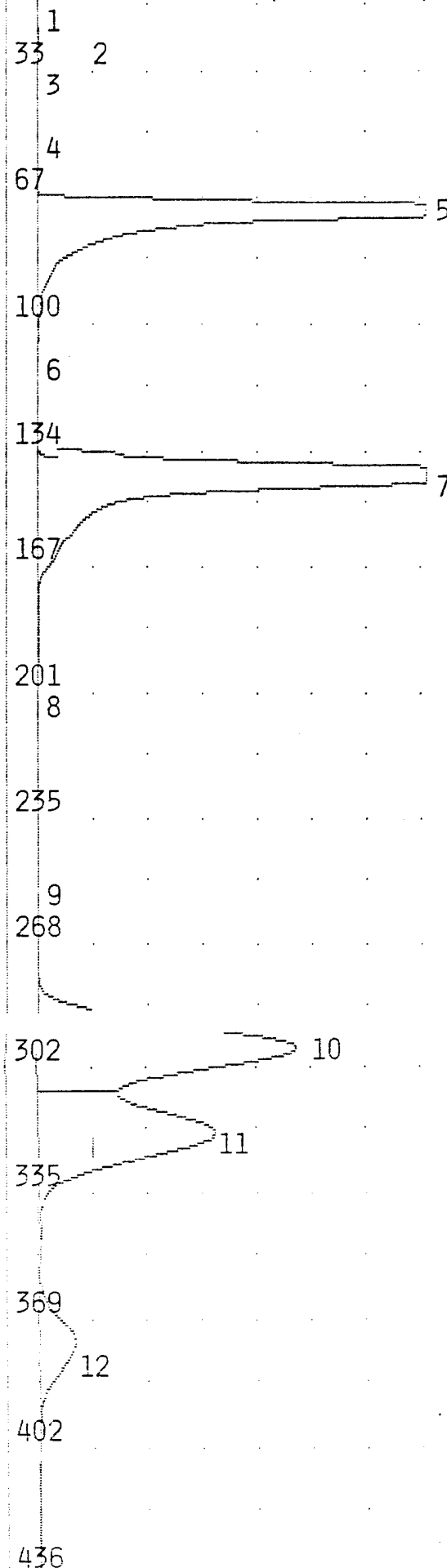
402

436

470

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
10 PPM BTEX

0 2 4 6 8 10
(x 100 mV)

TIME PRINTED: NOV 9,94 08:55

SAMPLE TIME: NOV 9,94 08:41

METHOD

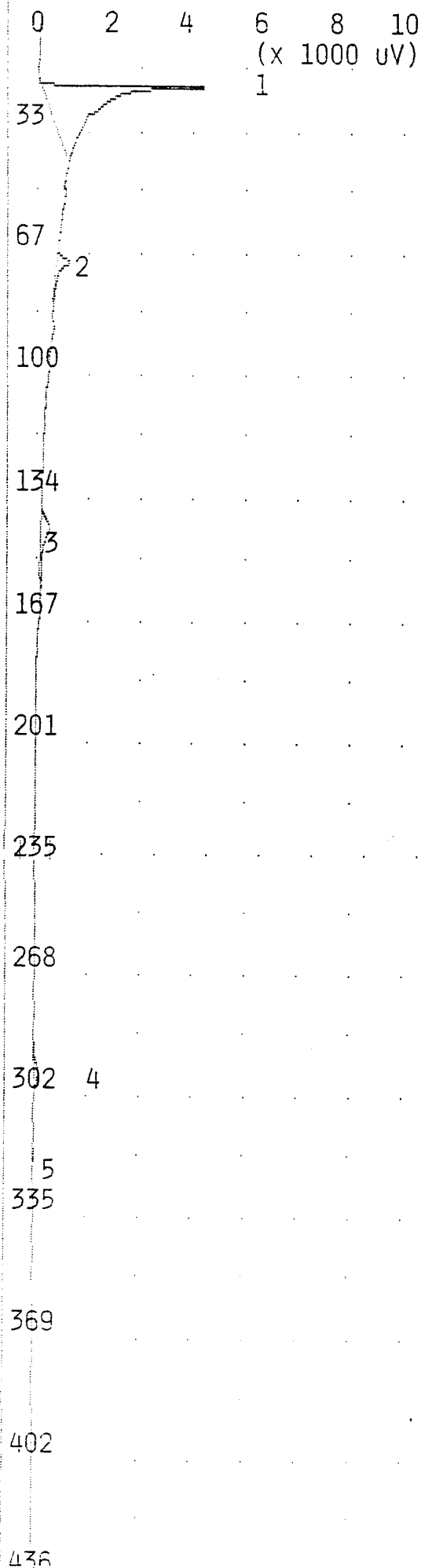
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.775 MVS	19.2
2	UNKNOWN	10.58 MVS	20.8
3	UNKNOWN	34.99 MVS	23.5
4	UNKNOWN	1.011 MVS	50.3
5	BENZENE	10.00 PPM	68.5
6	UNKNOWN	1.159 MVS	108.9
7	TOLUENE	10.00 PPM	141.0
8	UNKNOWN	1.035 MVS	202.4
9	UNKNOWN	4.437 MVS	254.1
10	ETHYLBENZENE	10.00 PPM	294.6
11	M,P-XYLENE	20.00 PPM	317.3
12	O-XYLENE	10.02 PPM	372.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
10 PPM BTEX



TIME PRINTED: Nov 9,94 09:09

SAMPLE TIME: Nov 9,94 09:01

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

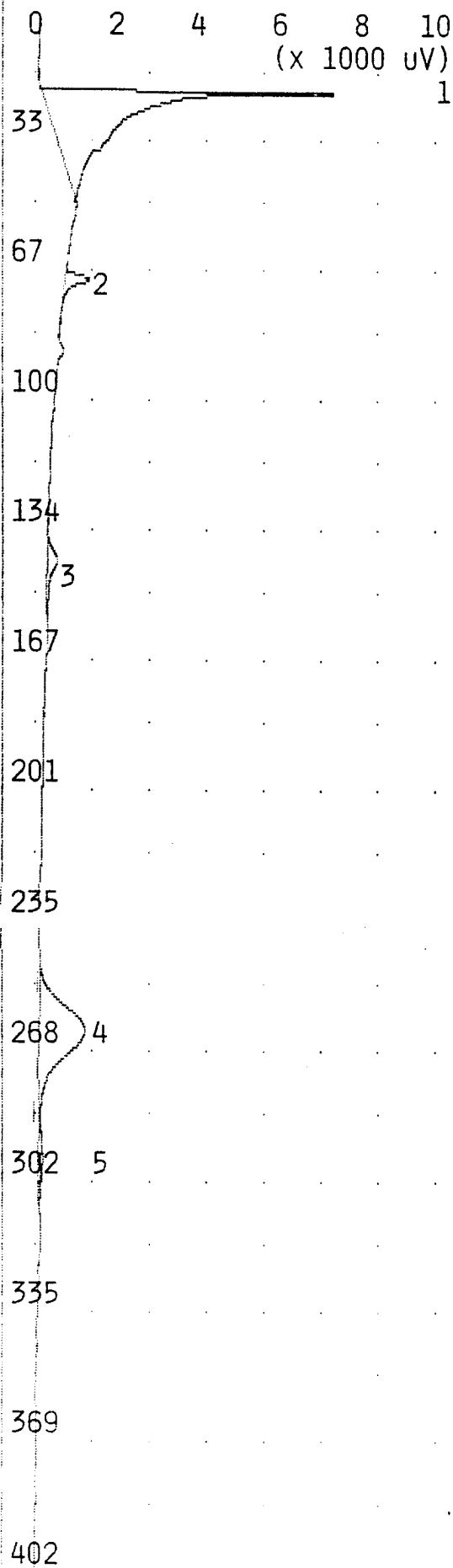
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.13 MVS	18.9
2	BENZENE	0.724 PPB	67.4
3	TOLUENE	1.931 PPB	139.8
4	ETHYLBENZENE	7.943 PPB	292.8
5	M,P-XYLENE	17.83 PPB	316.2

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
9 NOV 1994
AIR BLANK

ANALYSIS #5

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 09:21

SAMPLE TIME: NOV 9,94 09:13

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

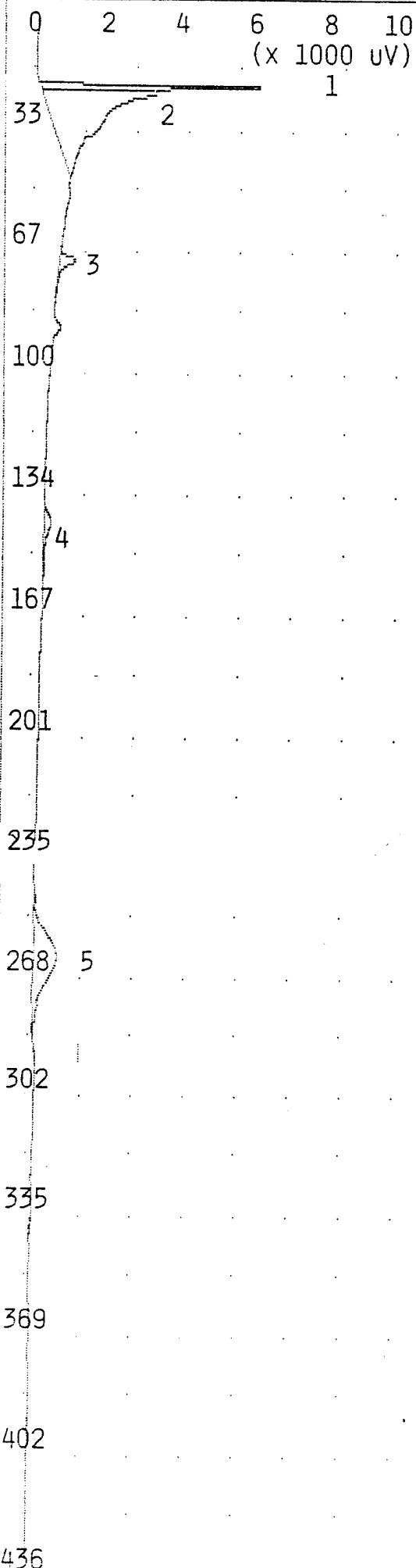
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	40.37 MVS	18.8
2	BENZENE	1.052 PPB	67.4
3	TOLUENE	1.967 PPB	139.7
4	UNKNOWN	18.32 MVS	260.8
5	ETHYLBENZENE	0.635 PPB	294.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
A48-001BH 33.5-34.5

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 09:34

SAMPLE TIME: Nov 9,94 09:26

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

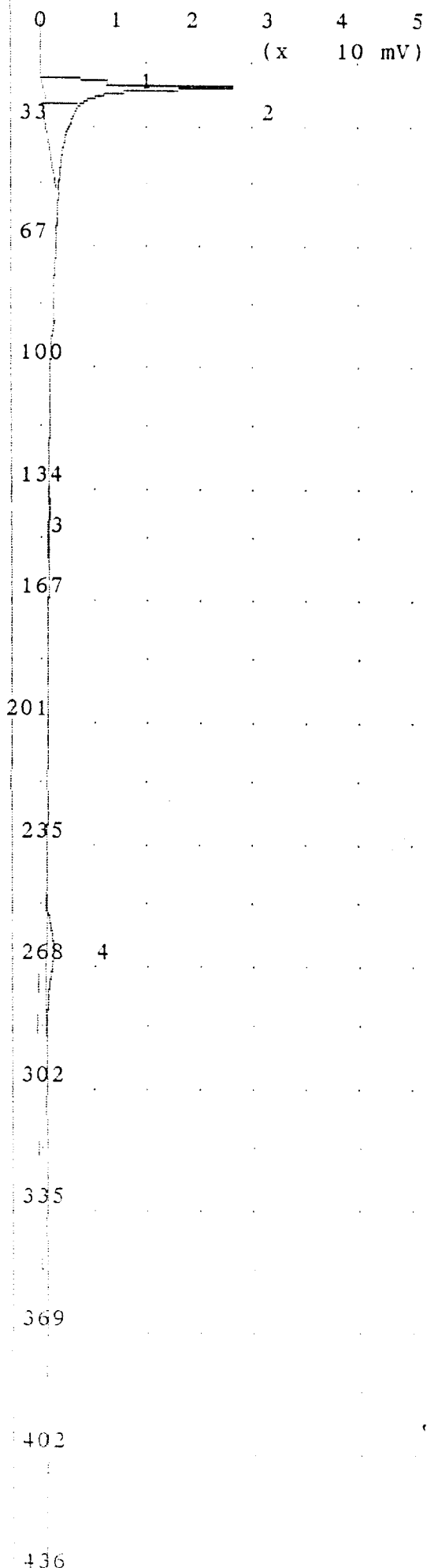
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.720 MVS	18.8
2	UNKNOWN	27.54 MVS	20.8
3	BENZENE	0.851 PPB	67.4
4	TOLUENE	1.562 PPB	139.8
5	UNKNOWN	9.268 MVS	260.5

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 Nov 1994
 A48-001BH 38.5-39.5

Analysis #7 10S+ GC Function Analysis Report



Time Printed: Nov 9,94 10:37

Sample Time: Nov 9,94 10:29

Method

Slope Up 0.500 mV/Sec
 Slope Down 1.500 mV/Sec
 Min Area 0.000 mVSec
 Min Height 0.000 mV
 Analysis Delay 0.0 sec
 Window Percent 10.0 %
 Det Flow 12 ml/min
 B/F Flow 12 ml/min
 Aux Flow 0 ml/min
 Oven Temp 40 C
 Amb Temp 29 C
 Max Gain 1000
 Analysis Time 470.0 sec

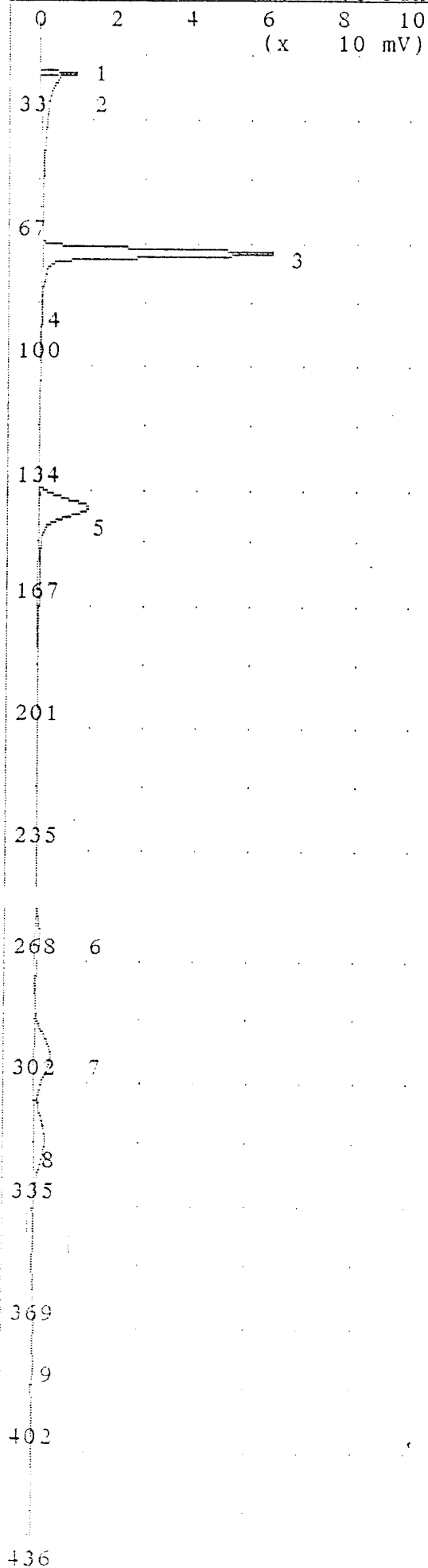
Peak Report

Pk	Compound Name	Area/Conc	R.T.
1	Unknown	10.83 mVS	18.7
2	Unknown	104.3 mVS	20.6
3	Toluene	1.361 ppb	140.1
4	Unknown	12.27 mVS	261.8

Notes

Joe Byrd, Jr.
 Coos Bay ANG5
 9 Nov 1994
 A48-002BH 3.5-5.0

Analysis #8 10S+ GC Function Analysis Report



Time Printed: Nov 9,94 10:49
Sample Time: Nov 9,94 10:41

Method

Slope Up 0.500 mV/Sec
Slope Down 1.500 mV/Sec
Min Area 0.000 mVSec
Min Height 0.000 mV
Analysis Delay 0.0 sec
Window Percent 10.0 %
Det Flow 12 ml/min
B/F Flow 12 ml/min
Aux Flow 0 ml/min
Oven Temp 40 C
Amb Temp 29 C
Max Gain 1000
Analysis Time 470.0 sec

Peak Report

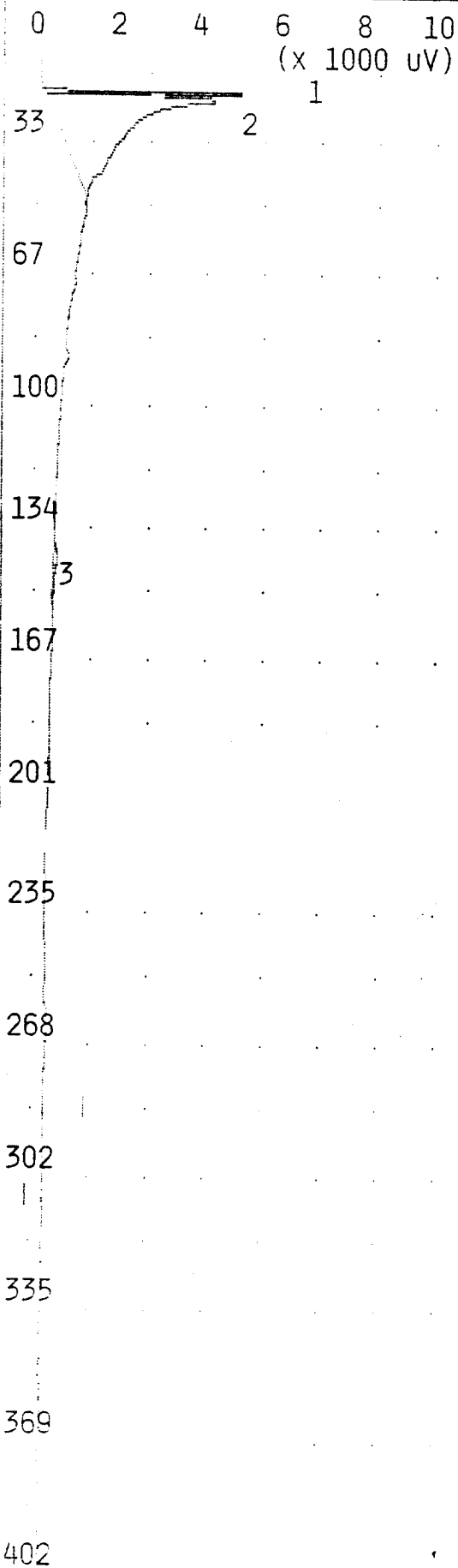
Pk	Compound Name	Area/Conc	R.T.
1	Unknown	13.57 mVS	18.8
2	Unknown	41.93 mVS	20.6
3	Benzene	104.6 ppb	67.4
4	Unknown	0.412 mVS	85.2
5	Toluene	101.0 ppb	139.4
6	Unknown	15.81 mVS	259.4
7	Ethylbenzene	104.3 ppb	292.5
8	m,p-Xylene	209.6 ppb	315.4
9	o-Xylene	107.4 ppb	373.0

Notes

Joe Byrd, Jr.
Coos Bay ANG
9 Nov 1994
100 ppb btex

ANALYSIS #9

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 11:02

SAMPLE TIME: NOV 9,94 10:54

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

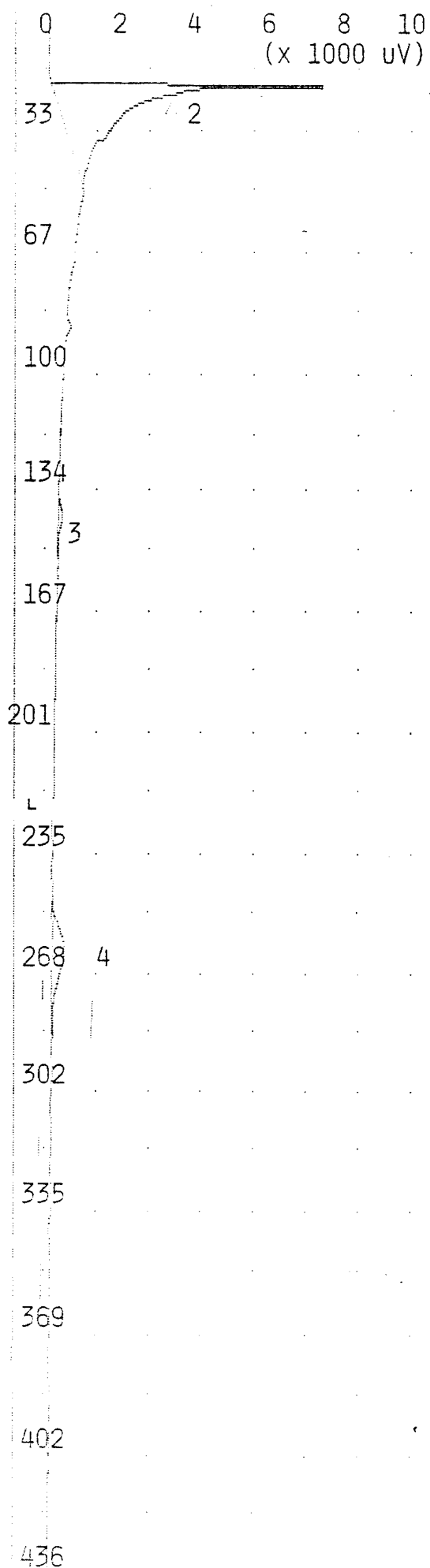
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.269 MVS	18.8
2	UNKNOWN	36.61 MVS	20.8
3	TOLUENE	0.690 PPB	139.7

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
AIR BLANK

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 11:13

SAMPLE TIME: NOV 9,94 11:05

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

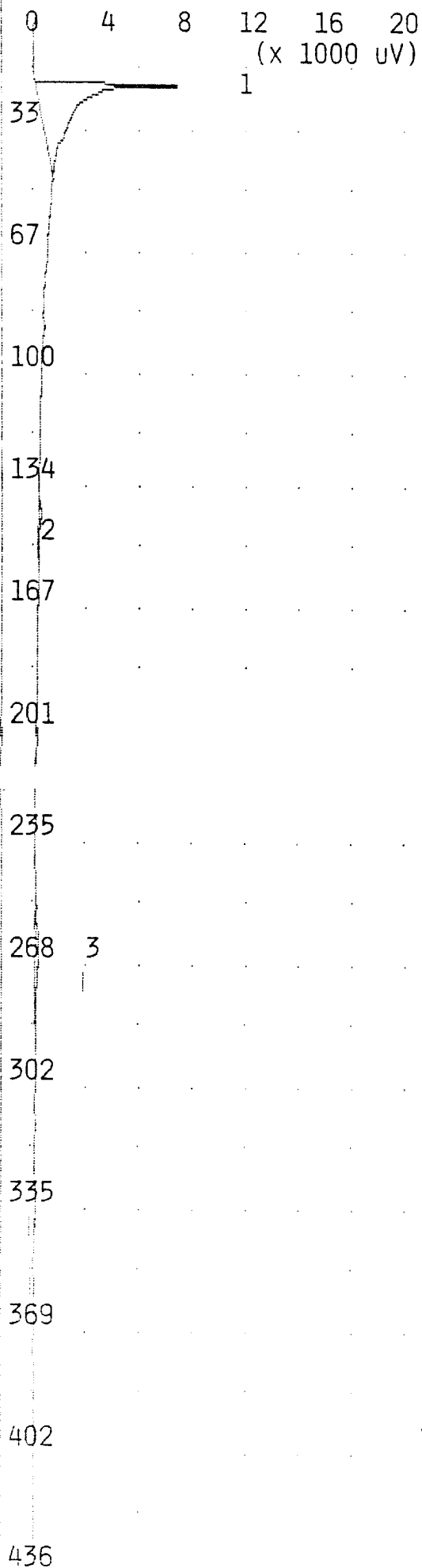
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	40.90 MVS	18.8
2	UNKNOWN	0.147 MVS	20.6
3	TOLUENE	0.872 PPB	139.6
4	UNKNOWN	5.037 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
A48-002BH 8.5-10.0

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 11:24

SAMPLE TIME: Nov 9,94 11:16

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

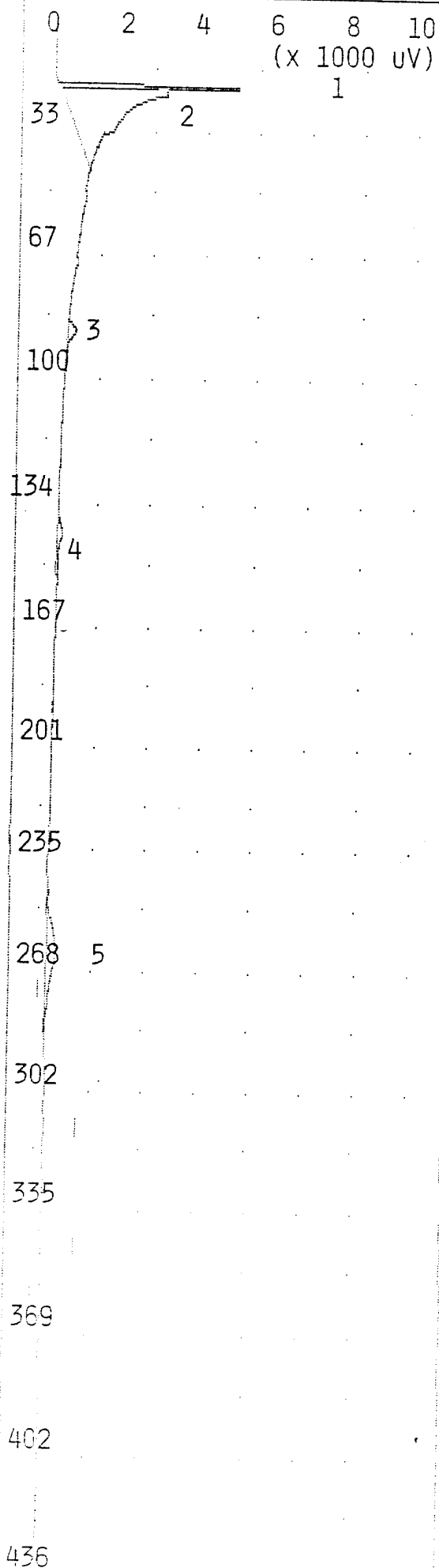
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	40.41 MVS	18.7
2	TOLUENE	0.918 PPB	140.0
3	UNKNOWN	2.405 MVS	261.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
A48-002BH 13.5-15.0

ANALYSIS #12

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 11:36

SAMPLE TIME: NOV 9,94 11:28

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.910 MVS	18.7
2	UNKNOWN	23.43 MVS	20.8
3	UNKNOWN	0.887 MVS	85.6
4	TOLUENE	0.900 PPB	139.8
5	UNKNOWN	3.416 MVS	260.2

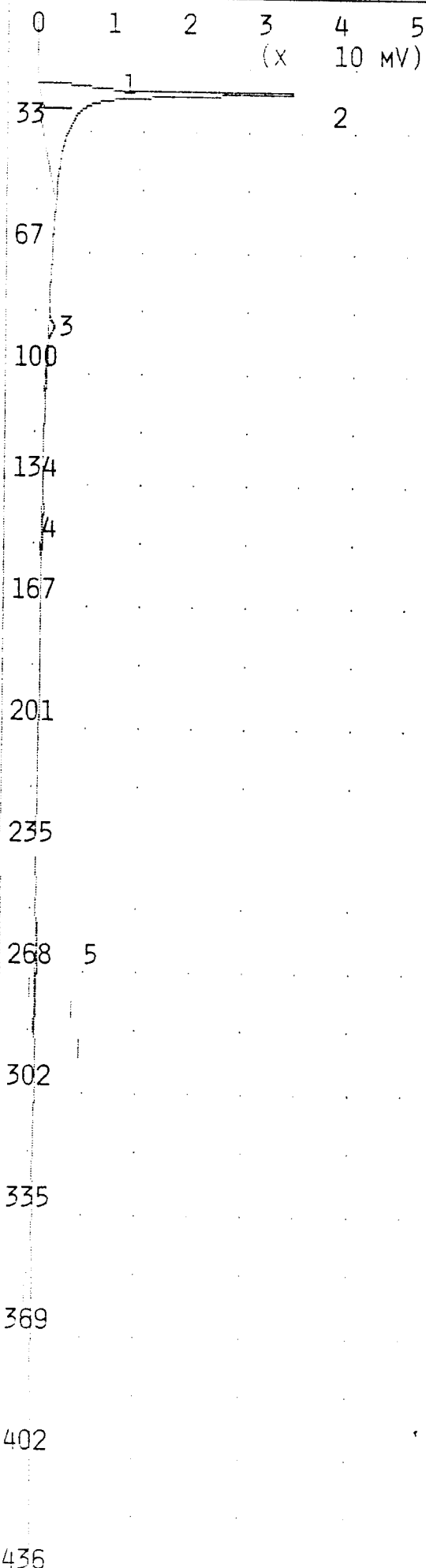
NOTES

JOE BYRD, JR.

COOS BAY ANG

9 Nov 1994

A48-002BH 18.5-20.0



TIME PRINTED: NOV 9,94 11:47

SAMPLE TIME: NOV 9,94 11:39

METHOD

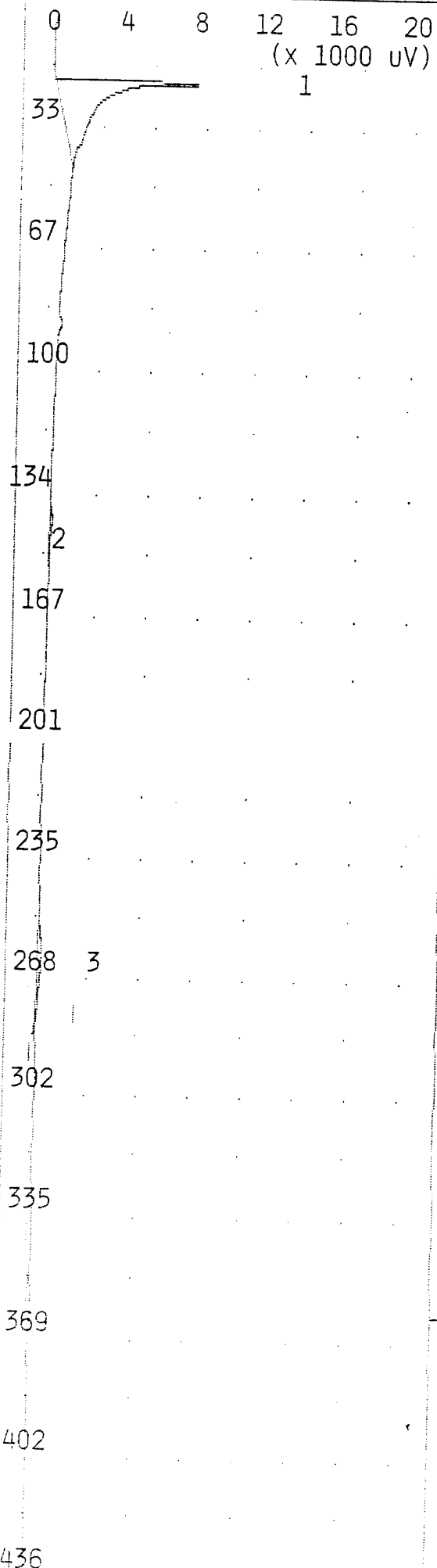
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 30 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.579 MVS	18.7
2	UNKNOWN	125.7 MVS	20.6
3	UNKNOWN	4.370 MVS	85.6
4	TOLUENE	1.332 PPB	139.3
5	UNKNOWN	3.555 MVS	260.0

NOTES

JOE BYRD, JR.
 COOS BAY ANG'S
 9 NOV 1994
 A48-002BH 23.5-25.0



TIME PRINTED: Nov 9,94 11:58

SAMPLE TIME: Nov 9,94 11:50

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	43.71 MVS	18.6
2	TOLUENE	1.033 PPB	139.4
3	UNKNOWN	3.168 MVS	259.7

NOTES

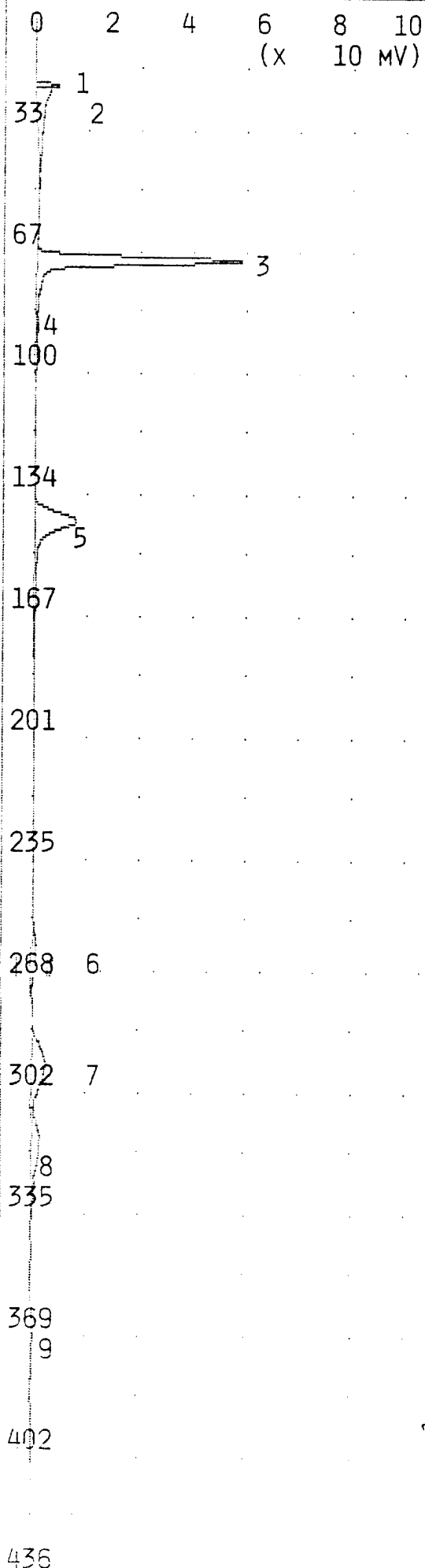
JOE BYRD, JR.

COOS BAY ANG

9 Nov 1994

A48-002BH 28.5-29.5

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 12:09
SAMPLE TIME: NOV 9,94 12:02

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

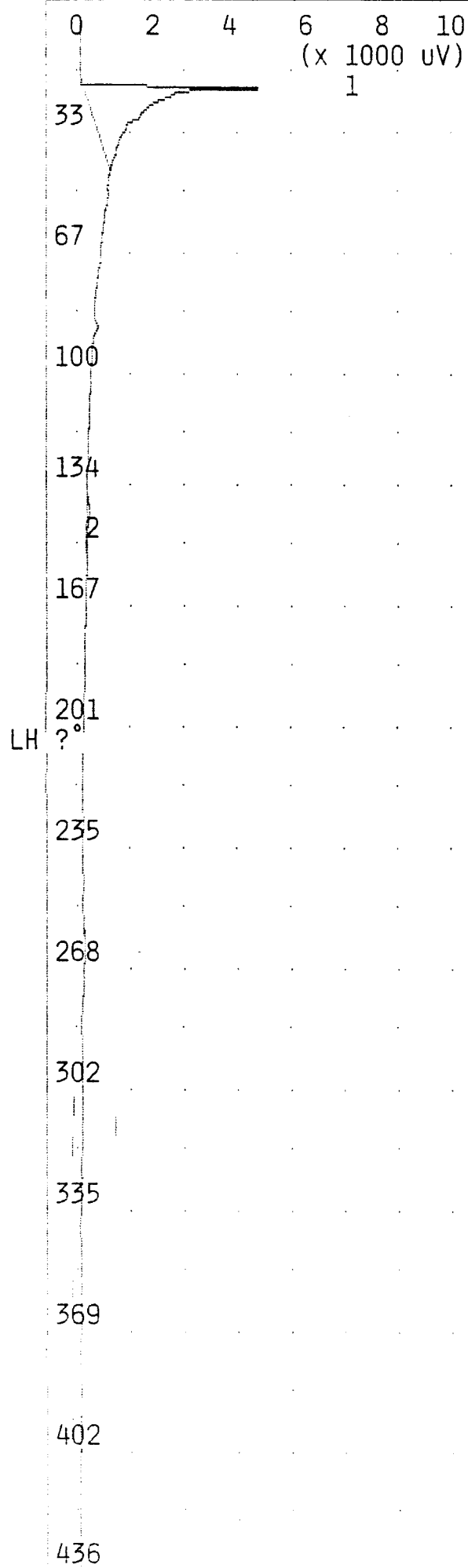
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.033 MVS	18.6
2	UNKNOWN	36.47 MVS	20.6
3	BENZENE	95.38 PPB	67.3
4	UNKNOWN	0.706 MVS	85.3
5	TOLUENE	88.71 PPB	139.3
6	UNKNOWN	17.87 MVS	260.0
7	ETHYLBENZENE	91.55 PPB	292.2
8	M,P-XYLENE	180.8 PPB	314.6
9	O-XYLENE	96.66 PPB	371.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
100 PPB BTEX

ANALYSIS #16

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 12:21

SAMPLE TIME: NOV 9,94 12:13

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

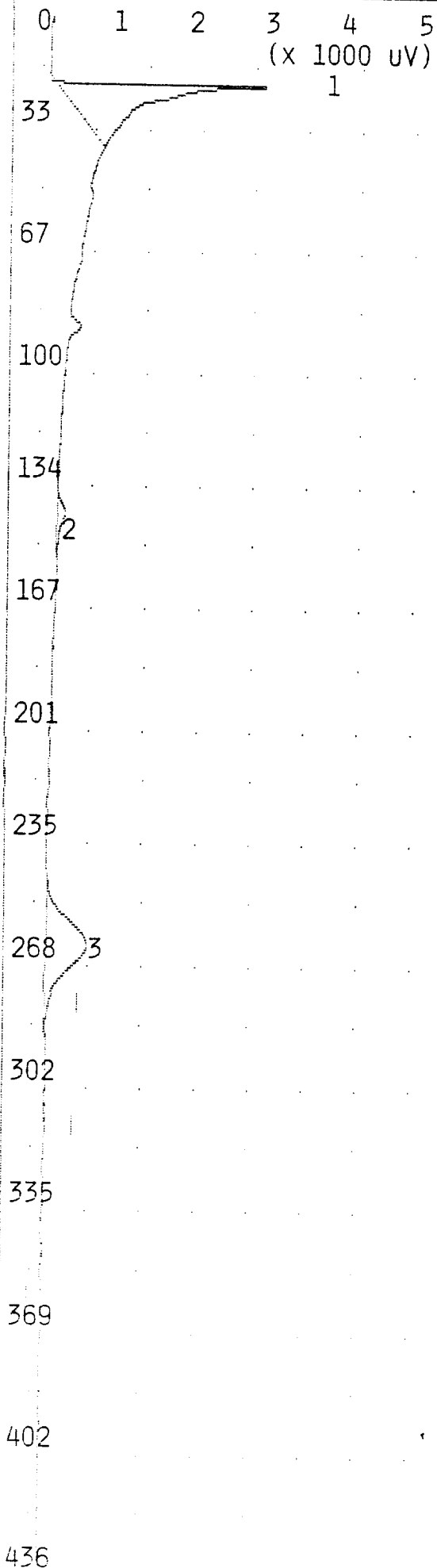
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	25.89 MVS	18.7
2	TOLUENE	0.609 PPB	138.9

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
9 Nov 1994
AIR BLANK

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 12:32

SAMPLE TIME: NOV 9,94 12:24

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	14.28 MVS	18.9
2	TOLUENE	0.855 PPB	139.6
3	UNKNOWN	8.430 MVS	260.0

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 Nov 1994
 A48-002BH 33.5-34.5

ANALYSIS #18

10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(x 1000 uV)

33

67

100

134

167

201

235

268

302

335

369

402

436

TIME PRINTED: NOV 9,94 12:43

SAMPLE TIME: NOV 9,94 12:36

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.064 MVS	19.2
2	UNKNOWN	0.200 MVS	49.2
3	UNKNOWN	4.570 MVS	262.1

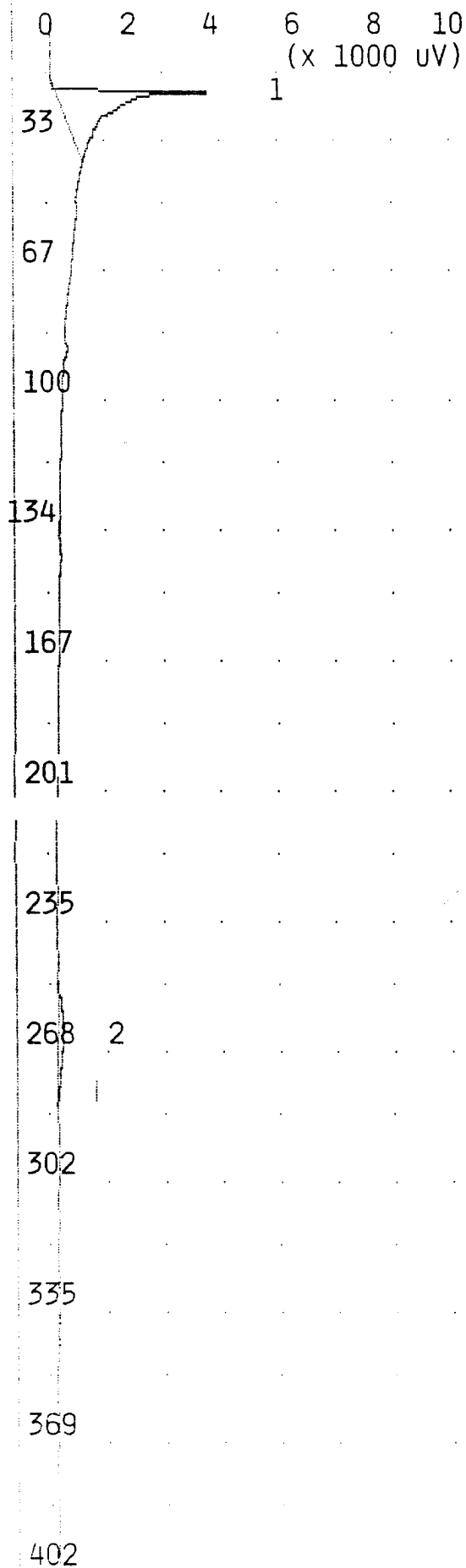
NOTES

JOE BYRD, JR.

COOS BAY ANG

9 NOV 1994

A48-007BH ~~3.5-5.0~~
2 38.5-39.5



TIME PRINTED: Nov 9,94 12:55

SAMPLE TIME: Nov 9,94 12:47

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000

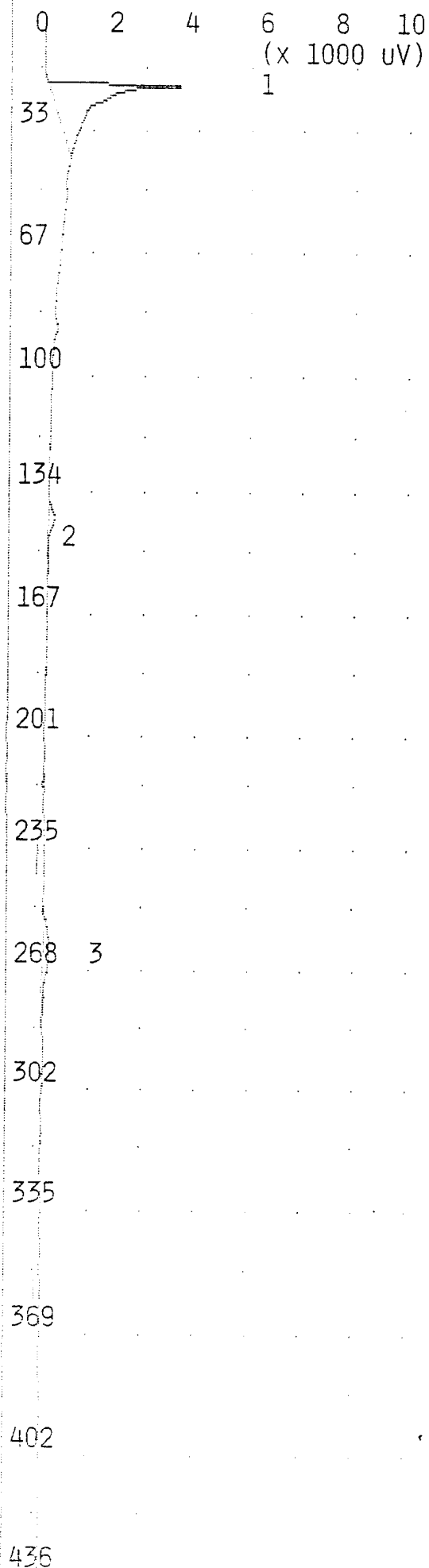
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.73 MVS	18.8
2	UNKNOWN	1.921 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
A48-003BH 3.5- 5.0



TIME PRINTED: NOV 9,94 13:05

SAMPLE TIME: NOV 9,94 12:57

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.10 MVS	18.7
2	TOLUENE	1.310 PPB	139.2
3	UNKNOWN	2.526 MVS	259.7

NOTES

JOE BYRD, JR.

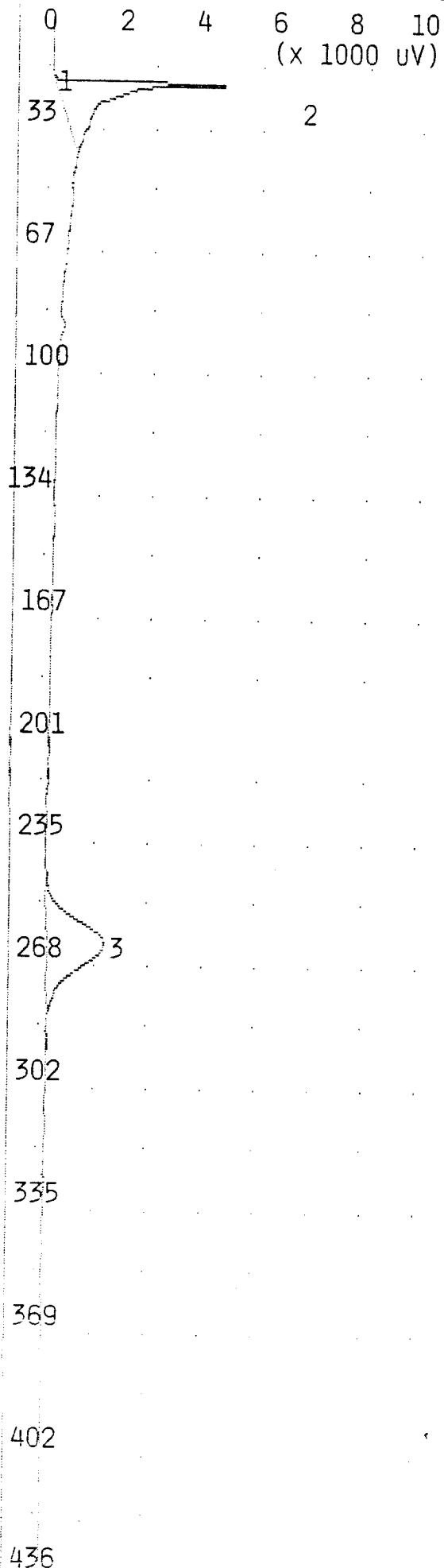
COOS BAY ANG

9 Nov 1994

A48-003BH 8.5-10.0

ANALYSIS #21

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 13:19

SAMPLE TIME: NOV 9,94 13:11

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

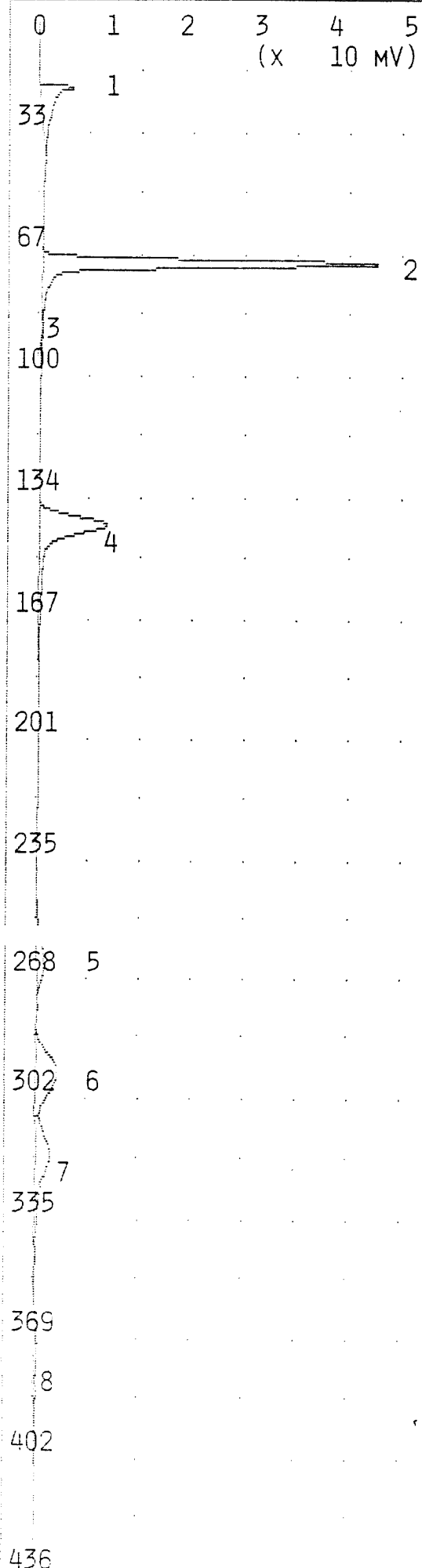
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.052 MVS	17.3
2	UNKNOWN	20.09 MVS	18.7
3	UNKNOWN	23.58 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994

A48-003BH ~~8.5-10.0~~
13.5-15.0

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 13:31

SAMPLE TIME: NOV 9,94 13:23

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

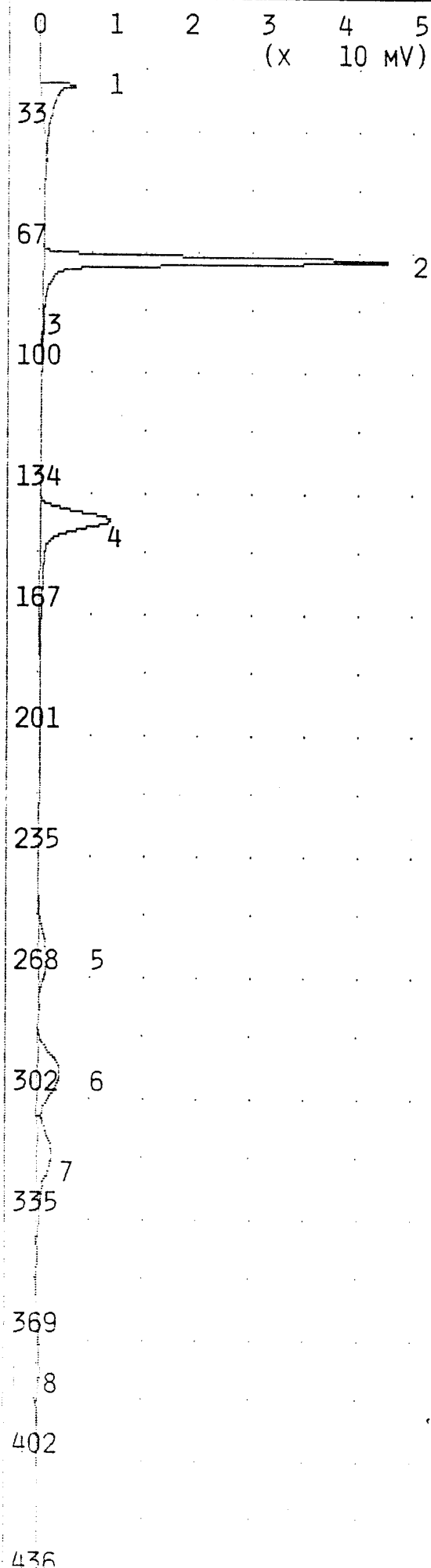
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	27.32 MVS	18.6
2	BENZENE	78.50 PPB	67.3
3	UNKNOWN	0.150 MVS	85.3
4	TOLUENE	76.15 PPB	139.4
5	UNKNOWN	17.78 MVS	260.8
6	ETHYLBENZENE	77.88 PPB	293.0
7	M,P-XYLENE	150.2 PPB	315.4
8	O-XYLENE	81.21 PPB	373.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
100 PPB BTEX



TIME PRINTED: Nov 9,94 13:39

SAMPLE TIME: Nov 9,94 13:23

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	27.32 MVS	18.6
2	BENZENE	100.0 PPB	67.3
3	UNKNOWN	0.150 MVS	85.3
4	TOLUENE	100.0 PPB	139.4
5	UNKNOWN	17.78 MVS	260.8
6	ETHYLBENZENE	100.0 PPB	293.0
7	M,P-XYLENE	199.9 PPB	315.4
8	O-XYLENE	99.99 PPB	373.6

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
9 Nov 1994
100 PPB BTEX

ANALYSIS #23

10S+ GC FUNCTION ANALYSIS REPORT

TIME PRINTED: NOV 9,94 13:51

SAMPLE TIME: NOV 9,94 13:43

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.93 MVS	18.7
2	UNKNOWN	1.182 MVS	260.2

NOTES

JOE BYRD, JR.

COOS BAY ANG

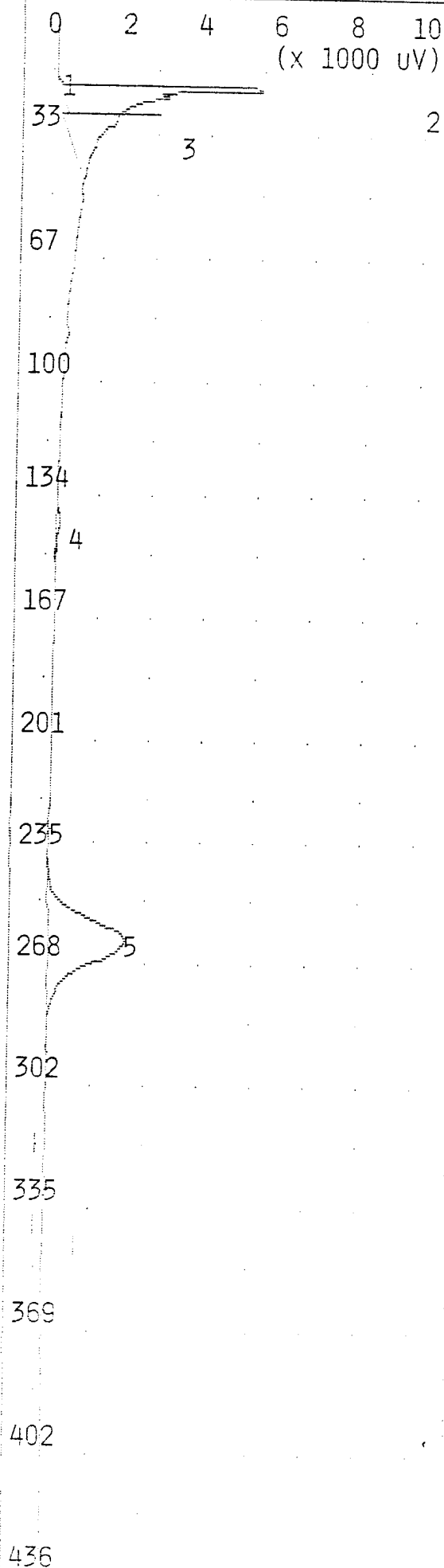
9 NOV 1994

~~100 PPB BTEX~~ 53

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ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 14:02
SAMPLE TIME: Nov 9,94 13:54

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

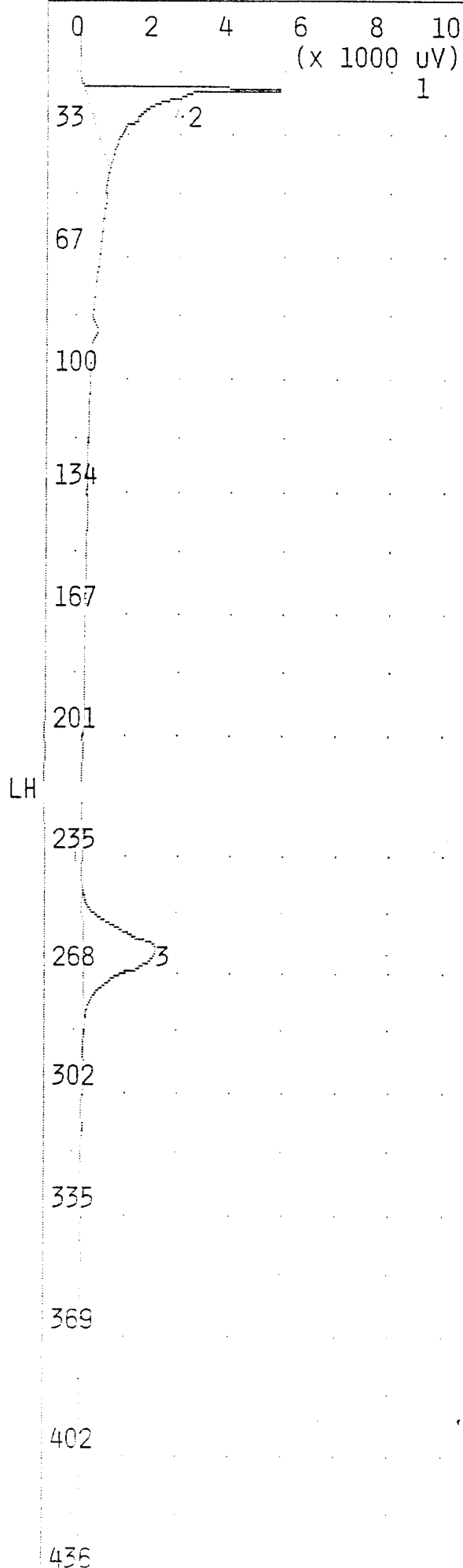
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.038 MVS	17.2
2	UNKNOWN	11.26 MVS	18.6
3	UNKNOWN	19.49 MVS	21.3
4	TOLUENE	0.785 PPB	139.4
5	UNKNOWN	30.59 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
A48-003BH 18.5-20.0

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 14:13

SAMPLE TIME: NOV 9,94 14:05

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

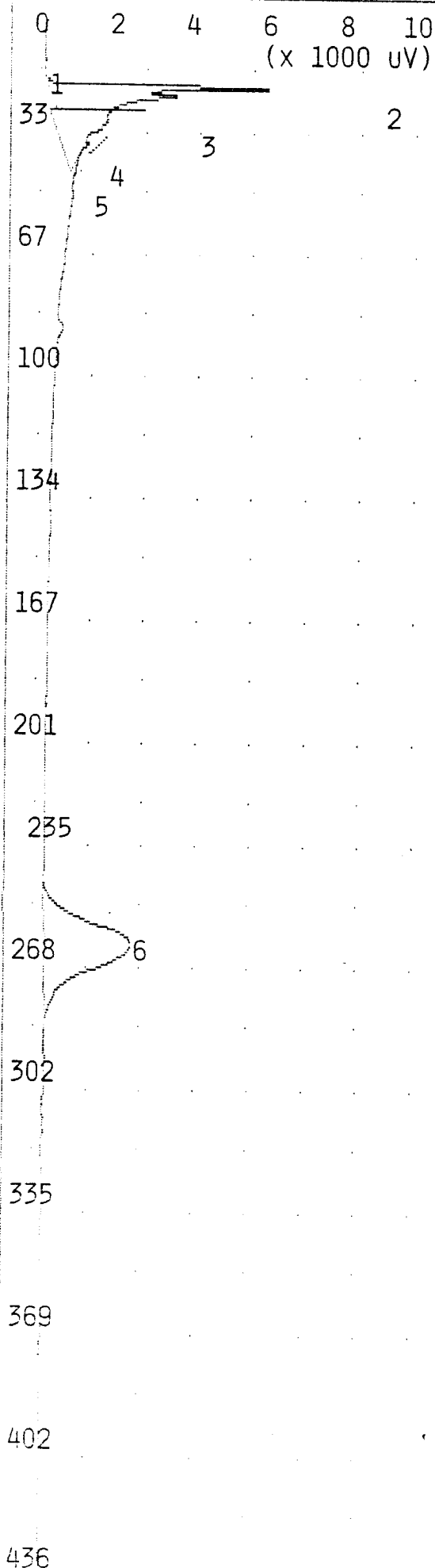
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	28.75 MVS	18.6
2	UNKNOWN	0.061 MVS	20.4
3	UNKNOWN	30.32 MVS	259.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 Nov 1994
 A48-003BH 23.5-24.5

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 14:29
SAMPLE TIME: NOV 9,94 14:21

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

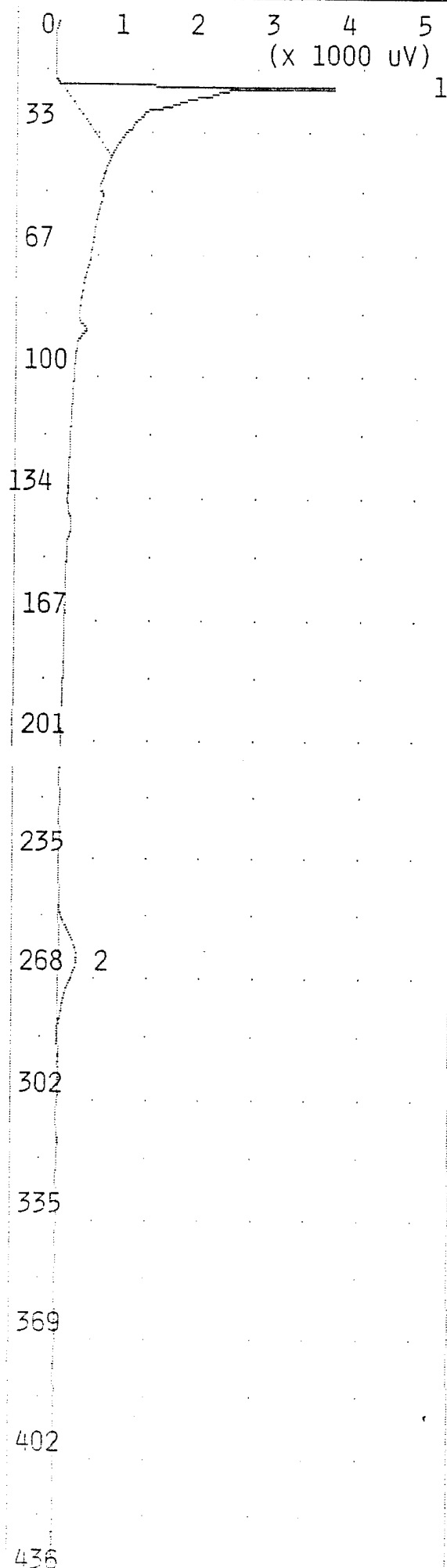
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.106 MVS	17.4
2	UNKNOWN	9.201 MVS	18.7
3	UNKNOWN	21.83 MVS	21.4
4	UNKNOWN	0.489 MVS	28.0
5	UNKNOWN	0.133 MVS	34.3
6	UNKNOWN	36.27 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGTS
9 Nov 1994
A48-003BH 28.5-30.0

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 14:40

SAMPLE TIME: Nov 9,94 14:32

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.50 MVS	18.8
2	UNKNOWN	3.879 MVS	260.5

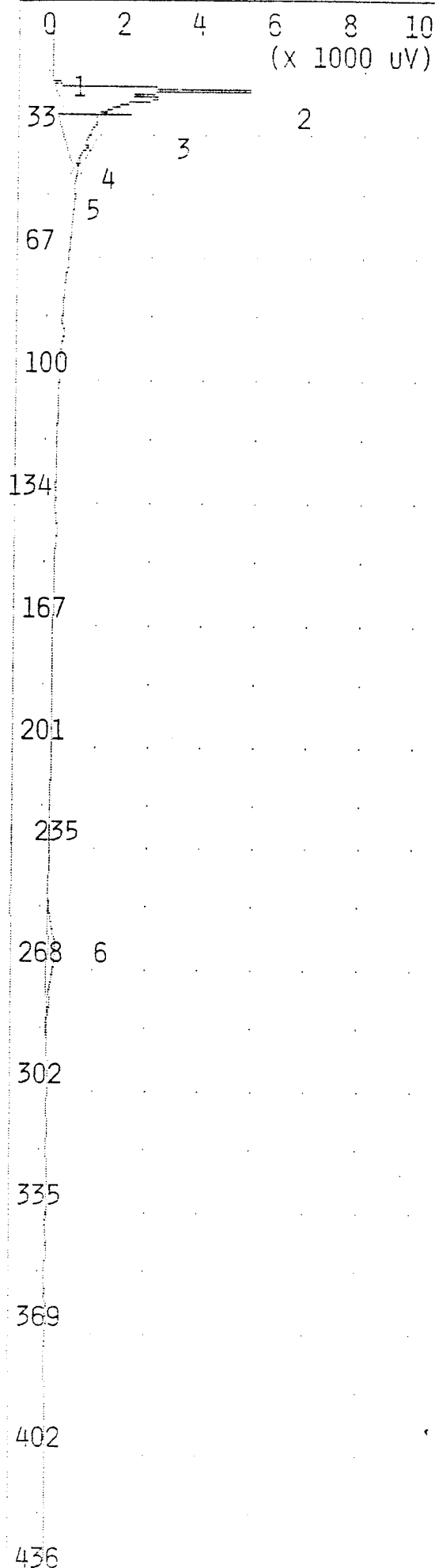
NOTES

JOE BYRD, JR.

COOS BAY ANGCS

9 Nov 1994

A48-003BH 33.5-34.5



TIME PRINTED: NOV 9,94 14:53

SAMPLE TIME: NOV 9,94 14:45

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

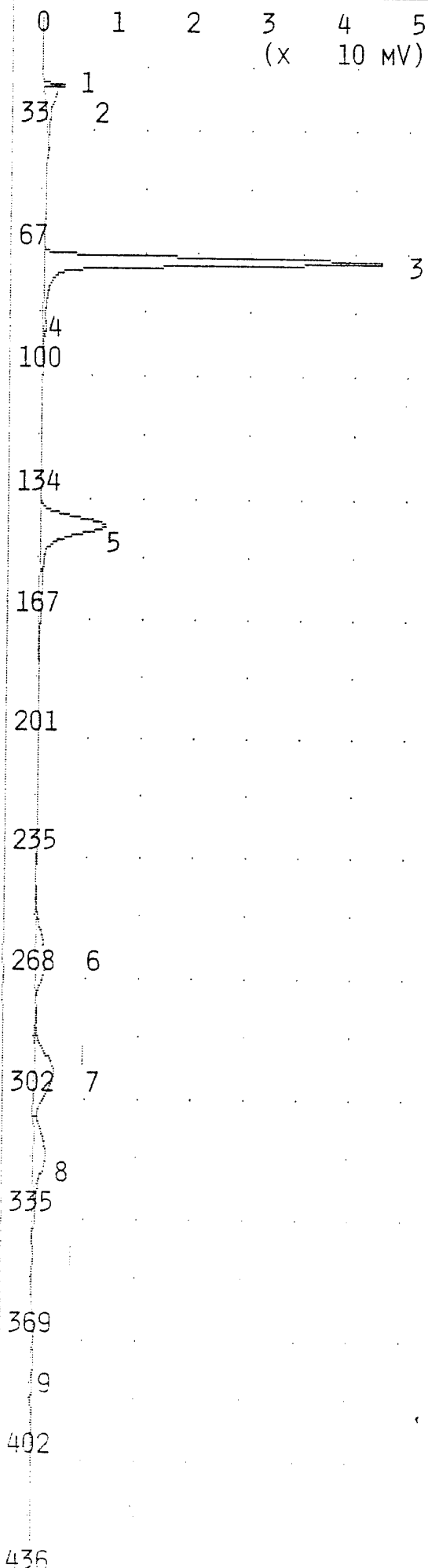
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.230 MVS	17.4
2	UNKNOWN	8.424 MVS	18.8
3	UNKNOWN	15.76 MVS	21.4
4	UNKNOWN	0.124 MVS	28.2
5	UNKNOWN	0.120 MVS	34.5
6	UNKNOWN	3.068 MVS	261.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
A48-003BH 38.5-39.5

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 15:04

SAMPLE TIME: Nov 9,94 14:56

METHOD

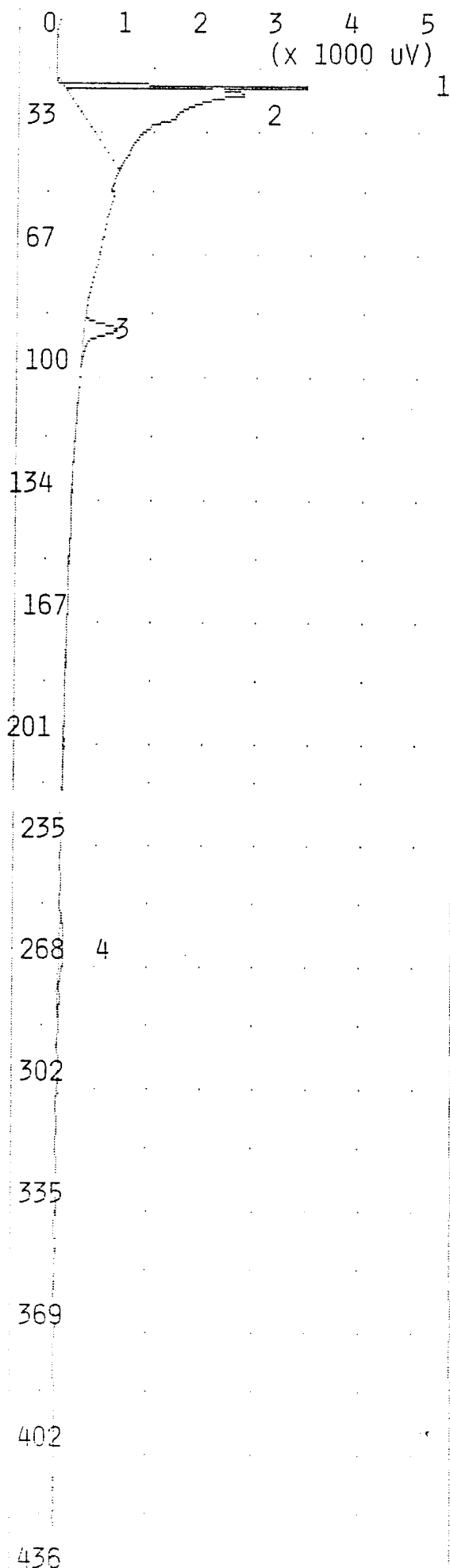
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.509 MVS	18.8
2	UNKNOWN	12.78 MVS	20.7
3	BENZENE	99.96 PPB	67.3
4	UNKNOWN	0.549 MVS	85.3
5	TOLUENE	94.61 PPB	139.4
6	UNKNOWN	21.81 MVS	260.5
7	ETHYLBENZENE	89.52 PPB	292.8
8	M,P-XYLENE	176.7 PPB	315.2
9	O-XYLENE	86.58 PPB	372.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
100 PPB BTEX



TIME PRINTED: Nov 9,94 15:15

SAMPLE TIME: Nov 9,94 15:07

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

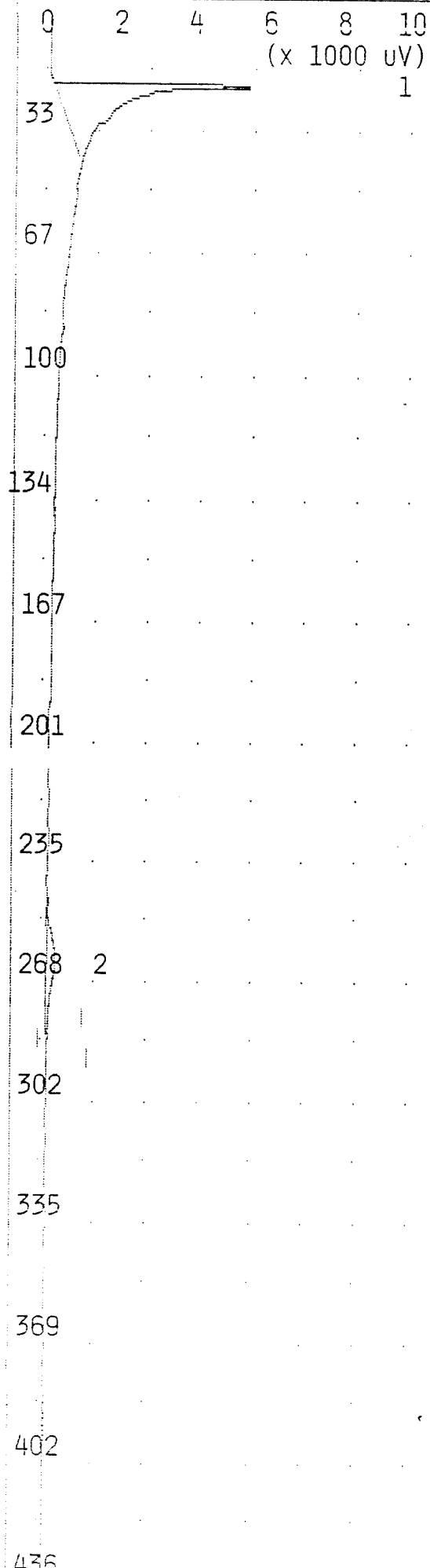
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.333 MVS	18.7
2	UNKNOWN	19.90 MVS	20.7
3	UNKNOWN	1.752 MVS	85.4
4	UNKNOWN	0.688 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
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ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 15:26

SAMPLE TIME: NOV 9,94 15:18

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

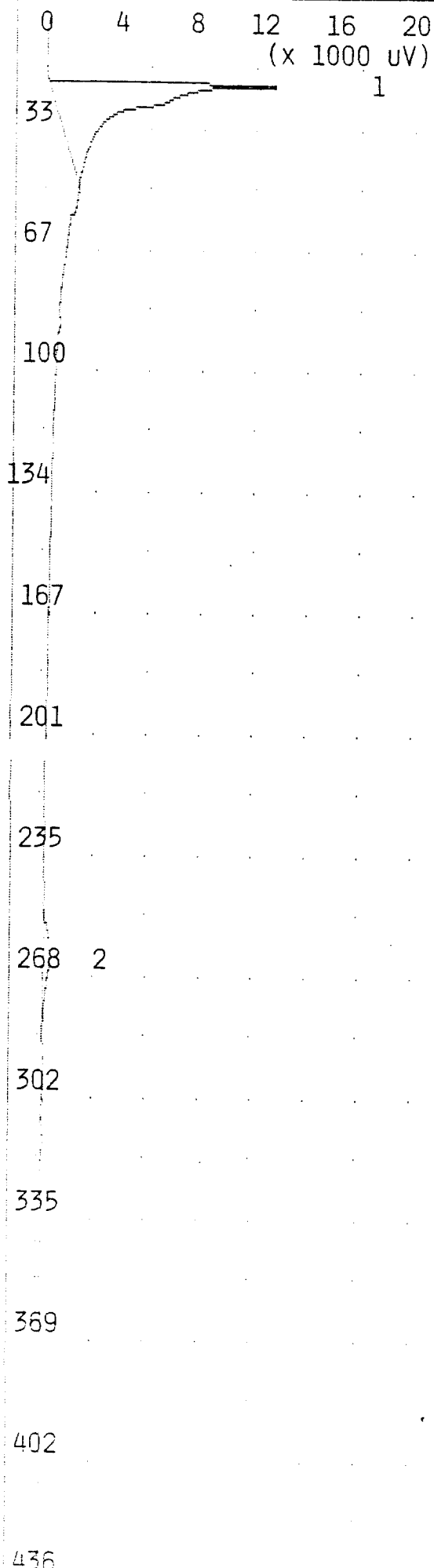
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.23 MVS	18.6
2	UNKNOWN	3.122 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
9 NOV 1994
FTA-001BH 1.0- 2.5

ANALYSIS #32 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 15:39
SAMPLE TIME: NOV 9,94 15:31

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

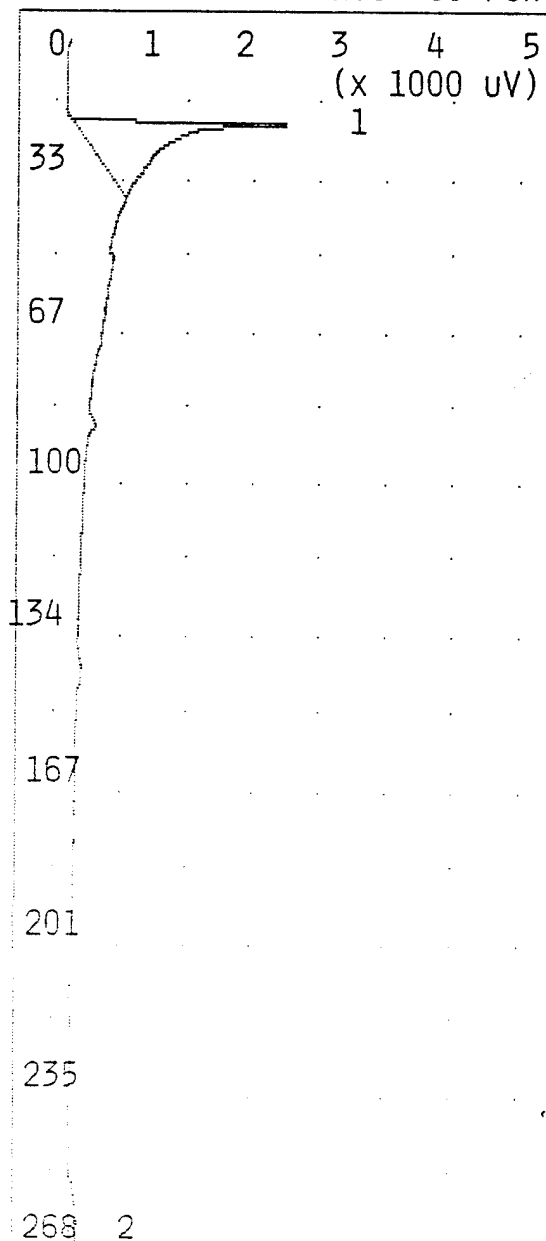
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	84.52 MVS	18.7
2	UNKNOWN	5.206 MVS	260.2

NOTES

JOE BYRD, JR.
COOS BAY ANGTS
9 Nov 1994
FTA-001BH 4.5- 6.0

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 15:51
SAMPLE TIME: Nov 9,94 15:43

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.08 mVS	18.8
2	UNKNOWN	1.266 mVS	260.8

302

335

369

402

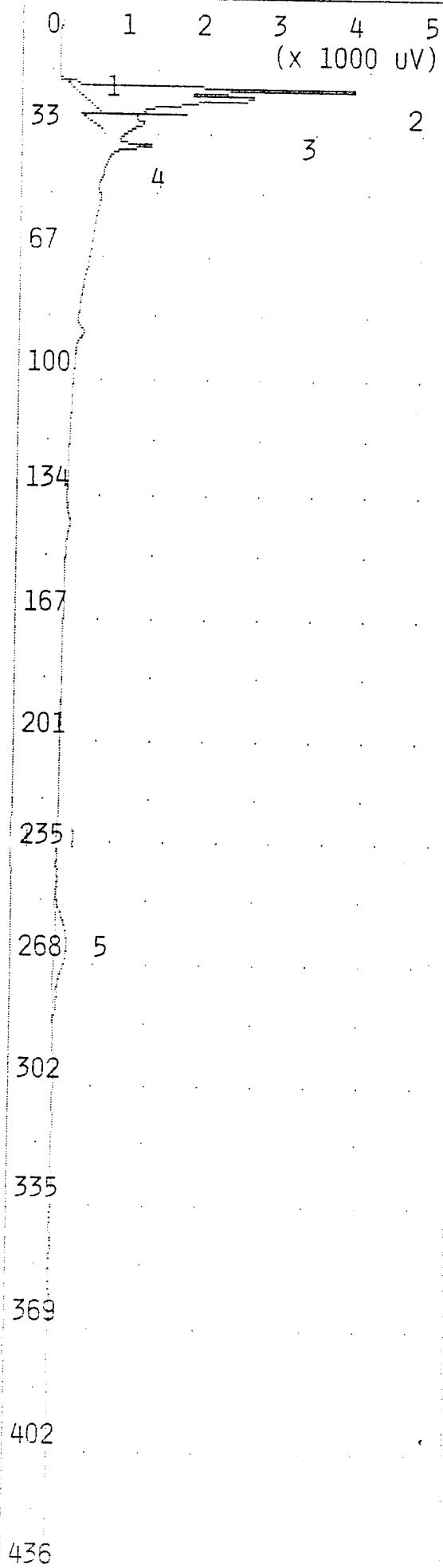
436

470

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
FTA-001BH 8.5- 9.5

ANALYSIS #34 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 16:06
 SAMPLE TIME: Nov 9,94 15:58

METHOD

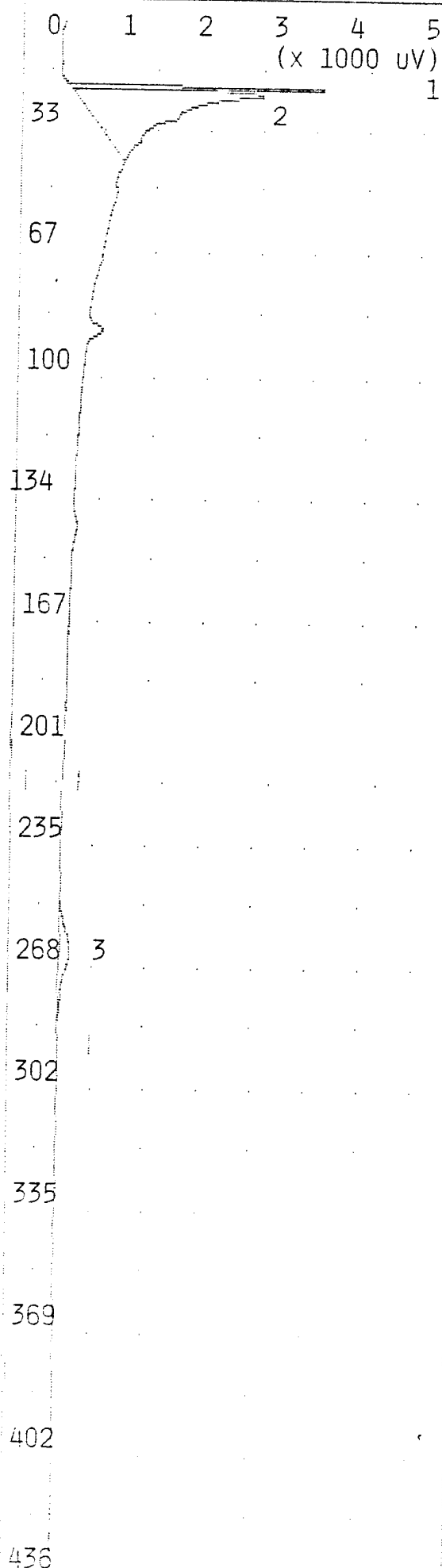
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.216 MVS	17.4
2	UNKNOWN	6.097 MVS	19.0
3	UNKNOWN	7.617 MVS	21.4
4	UNKNOWN	0.149 MVS	28.4
5	UNKNOWN	2.319 MVS	261.3

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 Nov 1994
 FTA-001BH 13.5-14.0



TIME PRINTED: Nov 9,94 16:17

SAMPLE TIME: Nov 9,94 16:09

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.376 MVS	18.8
2	UNKNOWN	19.19 MVS	21.3
3	UNKNOWN	2.010 MVS	260.8

NOTES

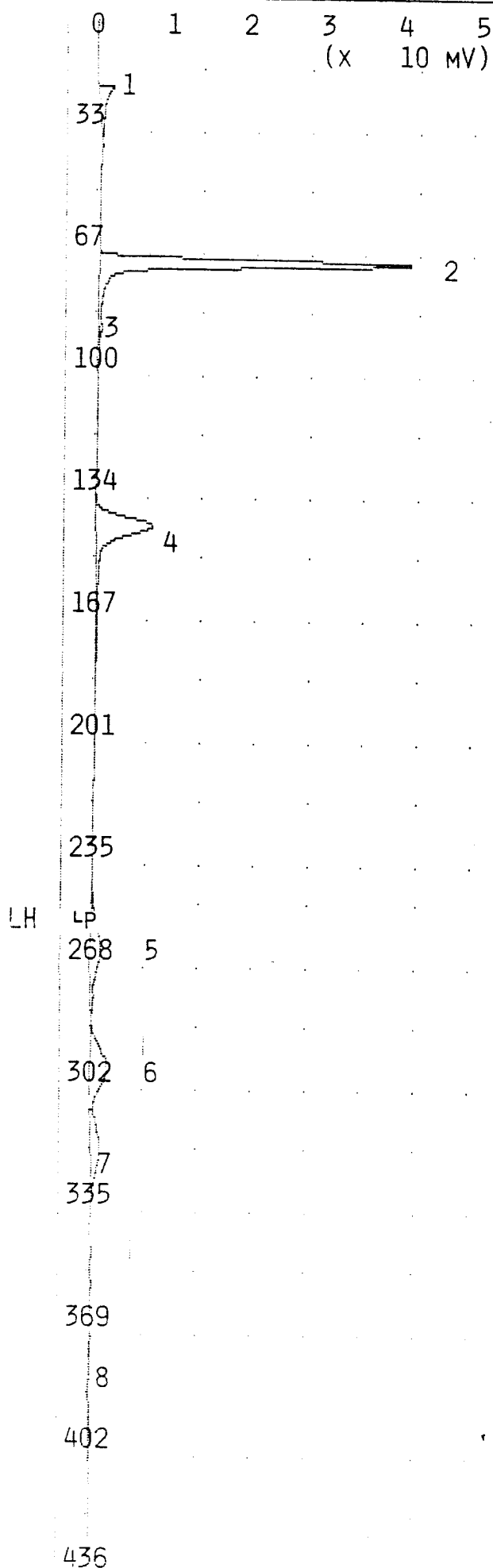
JOE BYRD, JR.

COOS BAY ANGUS

9 Nov 1994

FTA-001BH 18.5-19.5

ANALYSIS #36 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 16:28
SAMPLE TIME: Nov 9,94 16:20

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

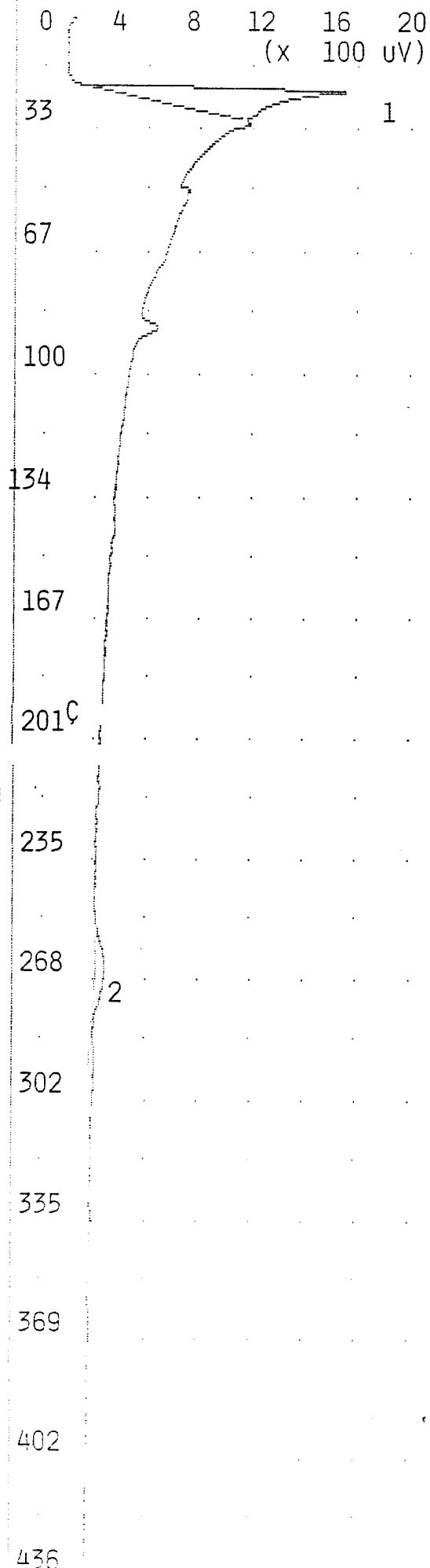
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.44 MVS	19.0
2	BENZENE	90.12 PPB	67.4
3	UNKNOWN	0.789 MVS	85.8
4	TOLUENE	82.77 PPB	139.7
5	UNKNOWN	18.90 MVS	261.0
6	ETHYLBENZENE	68.99 PPB	293.3
7	M,P-XYLENE	126.1 PPB	316.8
8	O-XYLENE	64.24 PPB	373.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
9 Nov 1994
100 PPB BTEX

ANALYSIS #37 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 16:44

SAMPLE TIME: NOV 9,94 16:36

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

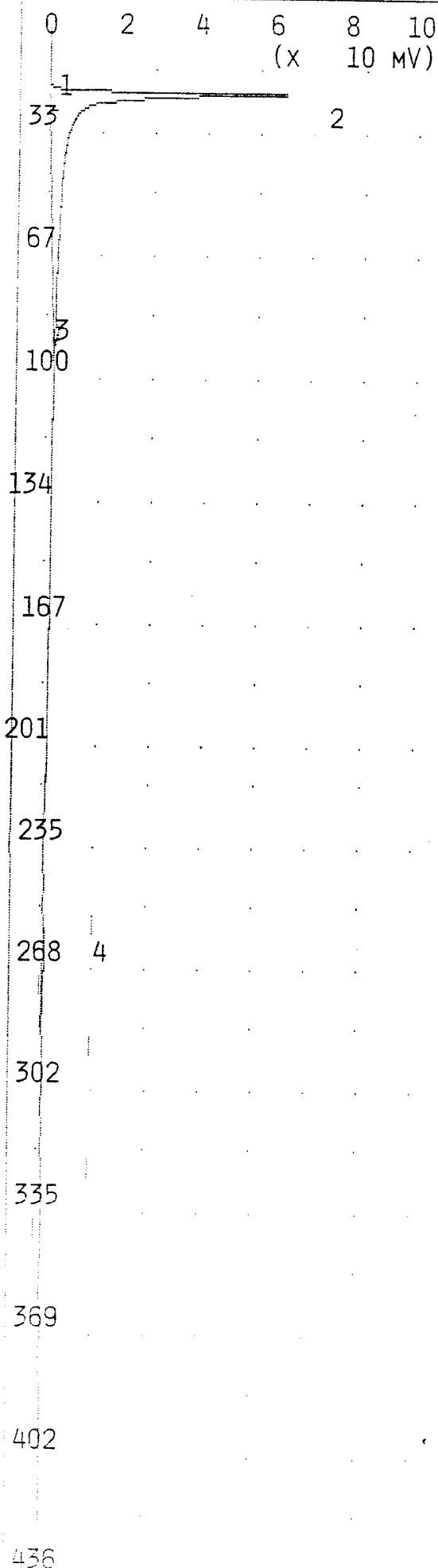
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.729 MVS	20.8
2	ETHYLBENZENE	2.934 PPB	265.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
AIR BLANK

ANALYSIS #38 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 16:56
 SAMPLE TIME: NOV 9,94 16:48

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

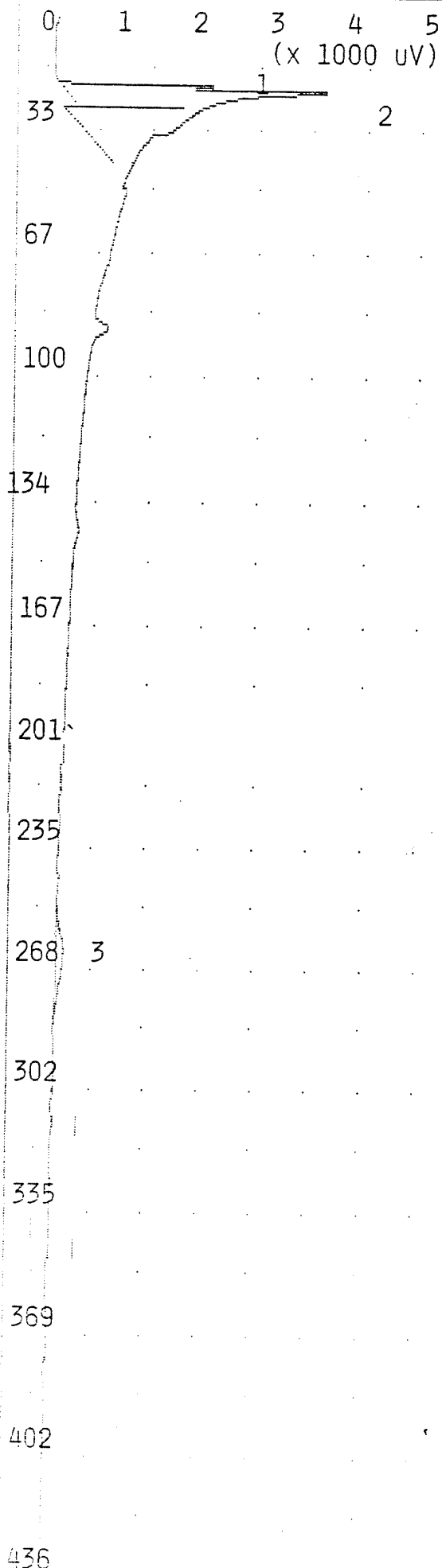
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.608 MVS	18.8
2	UNKNOWN	301.6 MVS	20.4
3	UNKNOWN	3.352 MVS	85.8
4	UNKNOWN	2.388 MVS	260.5

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 NOV 1994
 FTA-003BH 1.0- 2.5

ANALYSIS #39 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 17:07
SAMPLE TIME: Nov 9,94 16:59

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

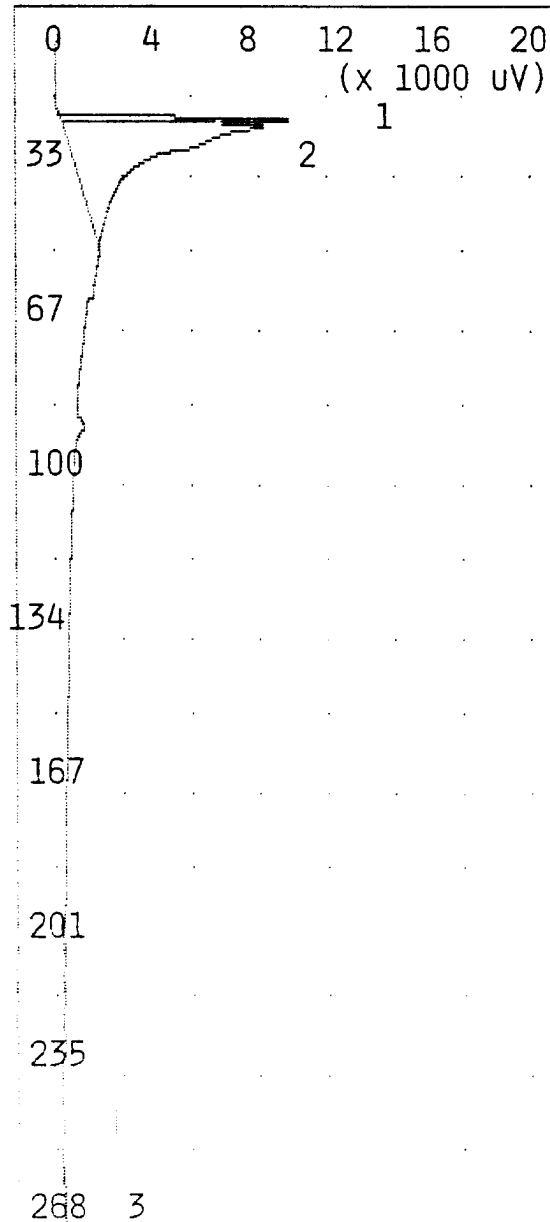
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.245 MVS	19.0
2	UNKNOWN	24.32 MVS	20.5
3	UNKNOWN	1.242 MVS	260.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
FTA-003BH 4.5- 6.0

ANALYSIS #40 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 17:18
 SAMPLE TIME: Nov 9,94 17:10

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	12.70 MVS	18.7
2	UNKNOWN	69.24 MVS	20.6
3	UNKNOWN	1.166 MVS	260.2

302

335

369

402

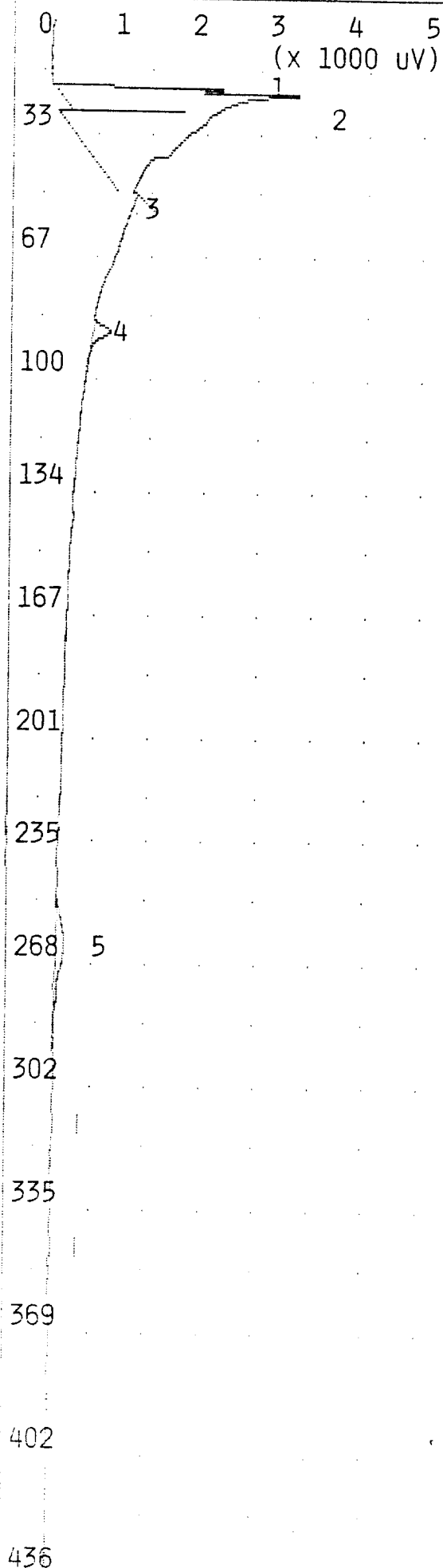
436

470

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
FTA-003BH 8.5- 9.5

ANALYSIS #41 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 17:29

SAMPLE TIME: Nov 9,94 17:21

METHOD

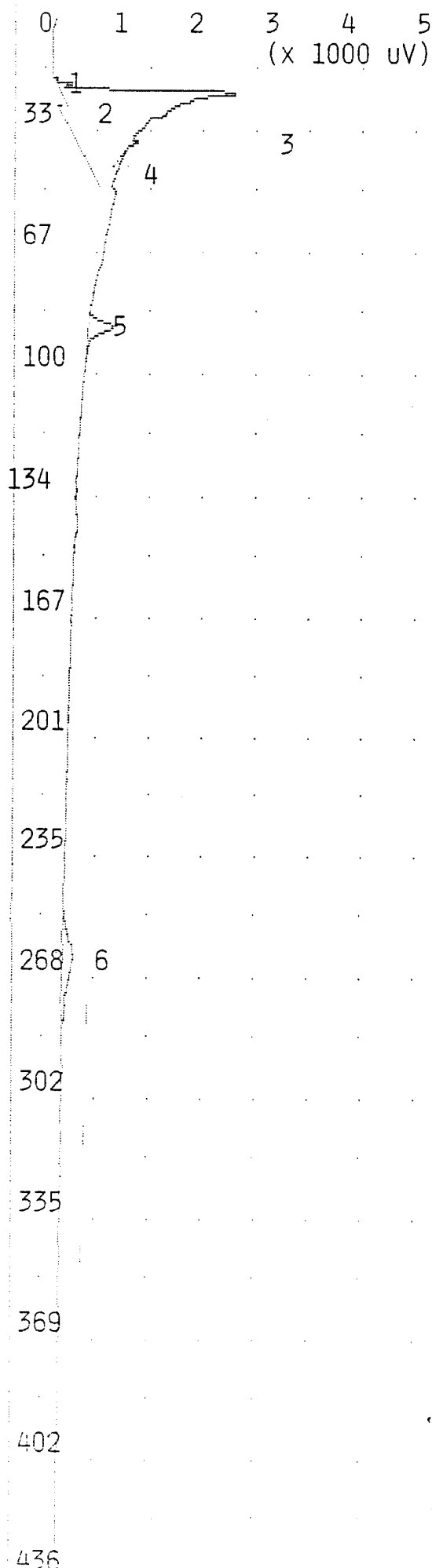
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.643 MVS	18.7
2	UNKNOWN	32.03 MVS	20.4
3	UNKNOWN	0.014 MVS	47.8
4	UNKNOWN	0.803 MVS	85.3
5	UNKNOWN	1.484 MVS	260.8

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 9 Nov 1994
 FTA-003BH 13.5-15.0



TIME PRINTED: Nov 9,94 17:40

SAMPLE TIME: Nov 9,94 17:32

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

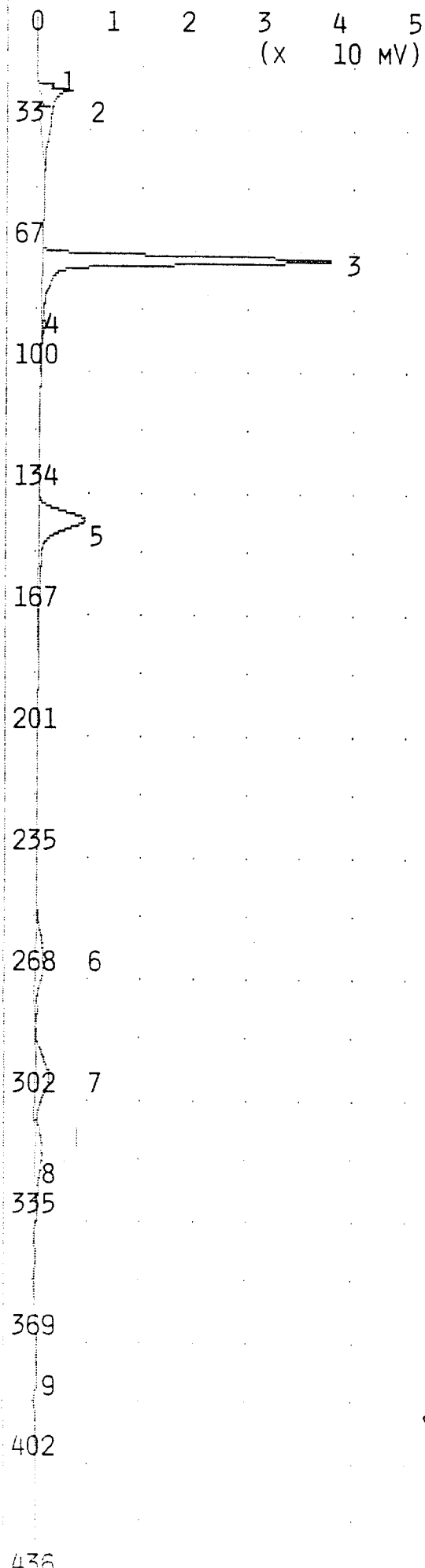
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.059 MVS	17.2
2	UNKNOWN	0.204 MVS	18.4
3	UNKNOWN	21.85 MVS	20.6
4	UNKNOWN	0.101 MVS	34.4
5	UNKNOWN	1.243 MVS	85.6
6	UNKNOWN	1.889 MVS	260.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
FTA-003BH 18.5-19.5

ANALYSIS #43 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 17:51
SAMPLE TIME: NOV 9,94 17:43

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

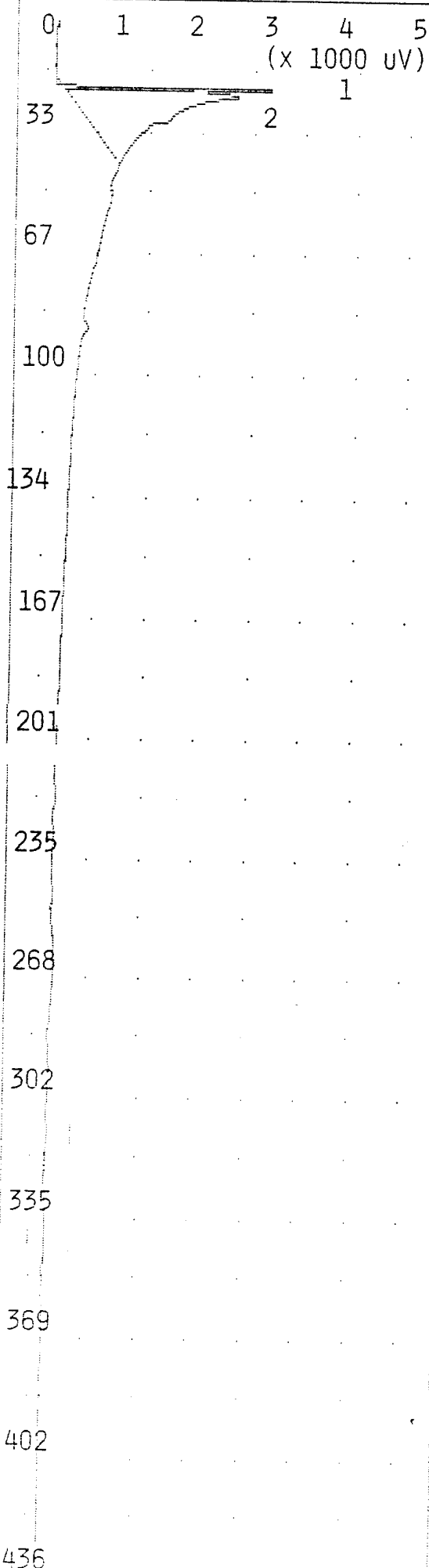
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.354 MVS	18.9
2	UNKNOWN	26.61 MVS	20.6
3	BENZENE	100.3 PPB	67.4
4	UNKNOWN	0.813 MVS	85.7
5	TOLUENE	81.35 PPB	139.4
6	UNKNOWN	16.02 MVS	260.8
7	ETHYLBENZENE	82.77 PPB	292.8
8	M,P-XYLENE	165.4 PPB	316.2
9	O-XYLENE	84.34 PPB	373.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
100 PB BTEX

ANALYSIS #44 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 18:02

SAMPLE TIME: Nov 9,94 17:54

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 470.0 SEC

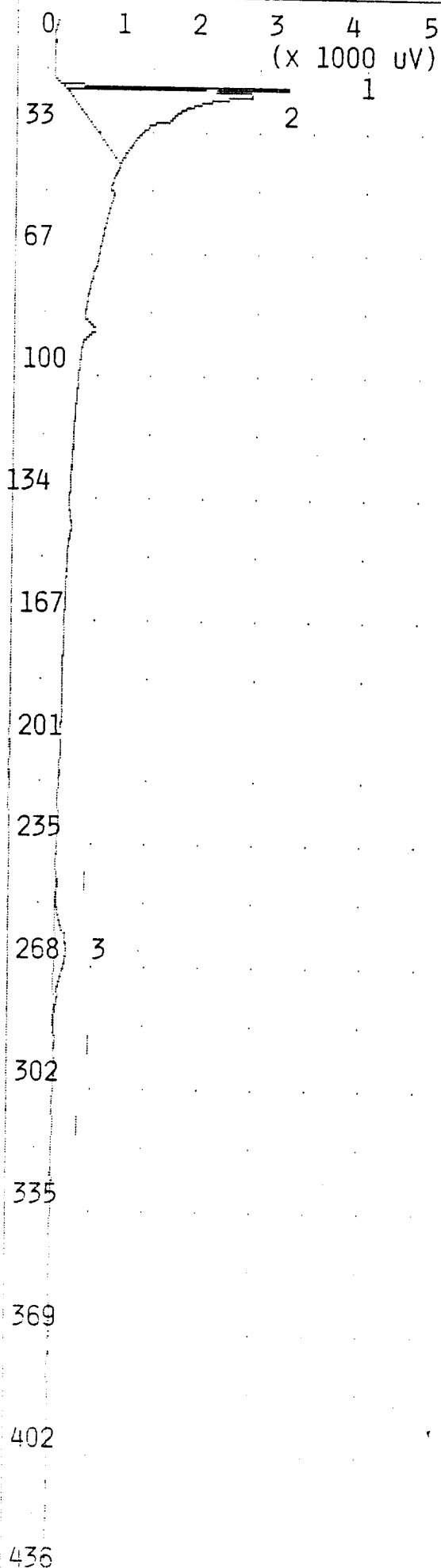
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.263 MVS	18.8
2	UNKNOWN	18.15 MVS	20.7

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 9 Nov 1994
 AIR BLANK

ANALYSIS #45 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 18:13
SAMPLE TIME: NOV 9,94 18:05

METHOD

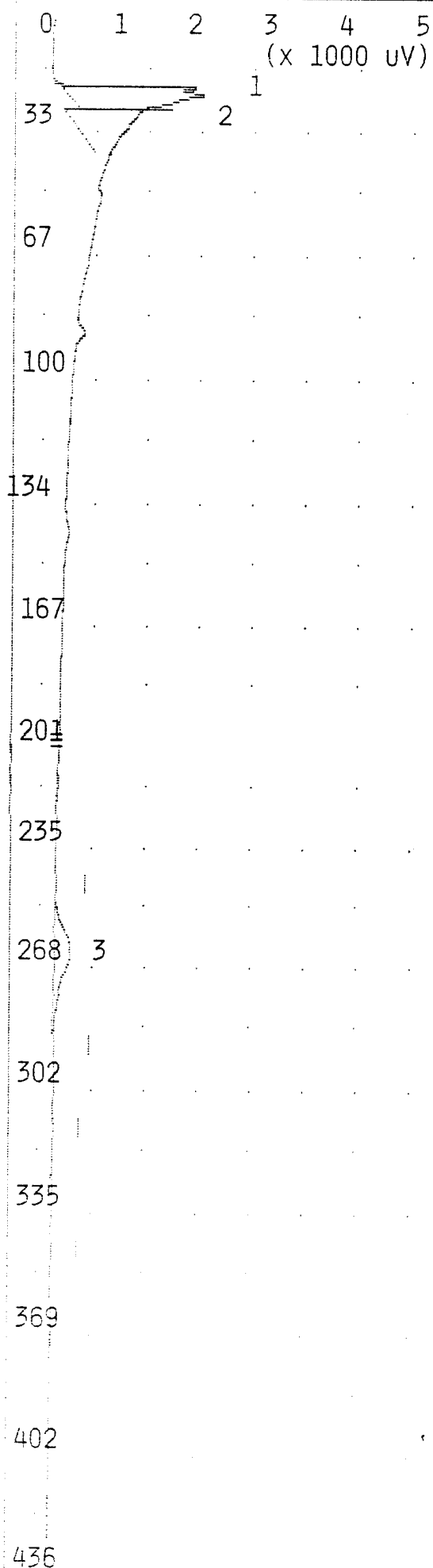
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.395 MVS	18.9
2	UNKNOWN	18.61 MVS	20.6
3	UNKNOWN	2.125 MVS	261.0

NOTES

JOE BYRD, JR.
COOS BAY ANGUS
9 Nov 1994
FTA-002BH 1.0- 2.5



TIME PRINTED: Nov 9,94 18:24

SAMPLE TIME: Nov 9,94 18:16

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.375 MVS	19.0
2	UNKNOWN	12.56 MVS	20.8
3	UNKNOWN	3.255 MVS	260.8

NOTES

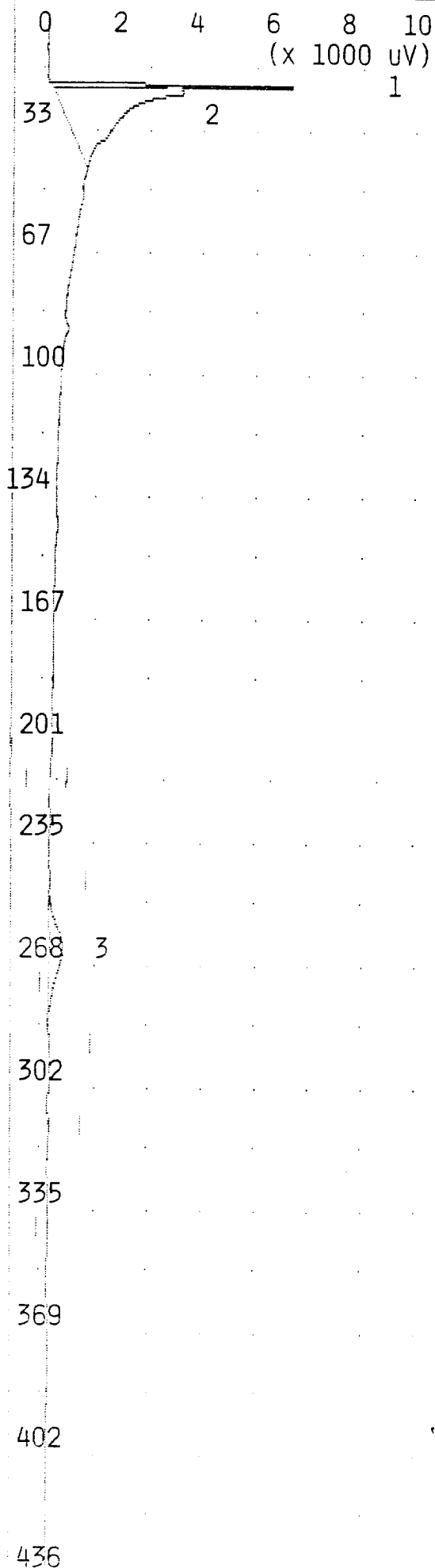
JOE BYRD, JR.

COOS BAY ANGCS

9 Nov 1994

FTA-002BH 4.5- 6.0

ANALYSIS #47 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 18:35
SAMPLE TIME: Nov 9,94 18:27

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

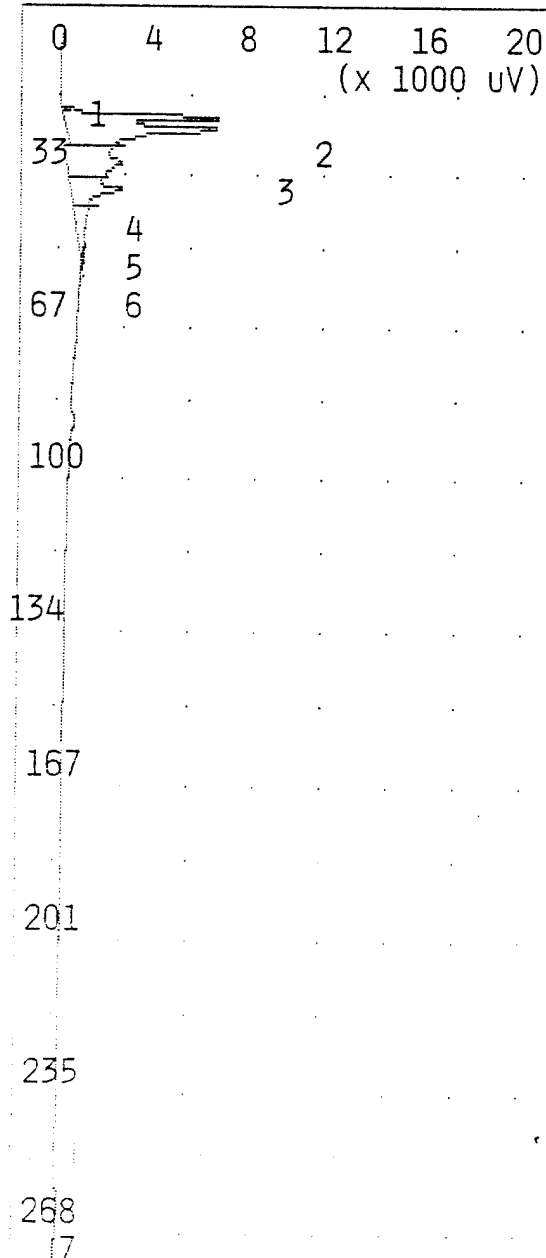
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.451 MVS	18.8
2	UNKNOWN	27.37 MVS	20.7
3	UNKNOWN	5.436 MVS	261.0

NOTES

JOE BYRD, JR.
COOS BAY ANG.
9 Nov 1994
FTA-002BH 8.5-10.0

ANALYSIS #48 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 18:46
SAMPLE TIME: NOV 9,94 18:38

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.784 MVS	17.4
2	UNKNOWN	10.31 MVS	18.8
3	UNKNOWN	22.16 MVS	21.4
4	UNKNOWN	11.31 MVS	28.6
5	UNKNOWN	8.388 MVS	34.7
6	UNKNOWN	0.116 MVS	46.8
7	UNKNOWN	0.924 MVS	263.2

302

335

369

402

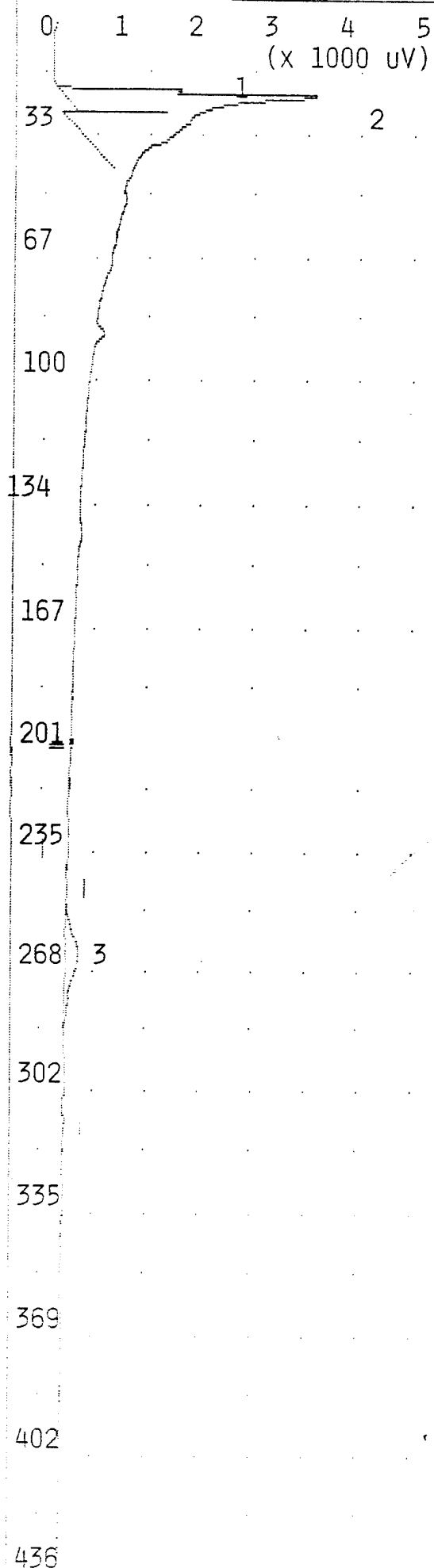
436

470

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
FTA-002BH 13.5-15.0

ANALYSIS #49 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 18:58

SAMPLE TIME: Nov 9,94 18:50

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 470.0 SEC

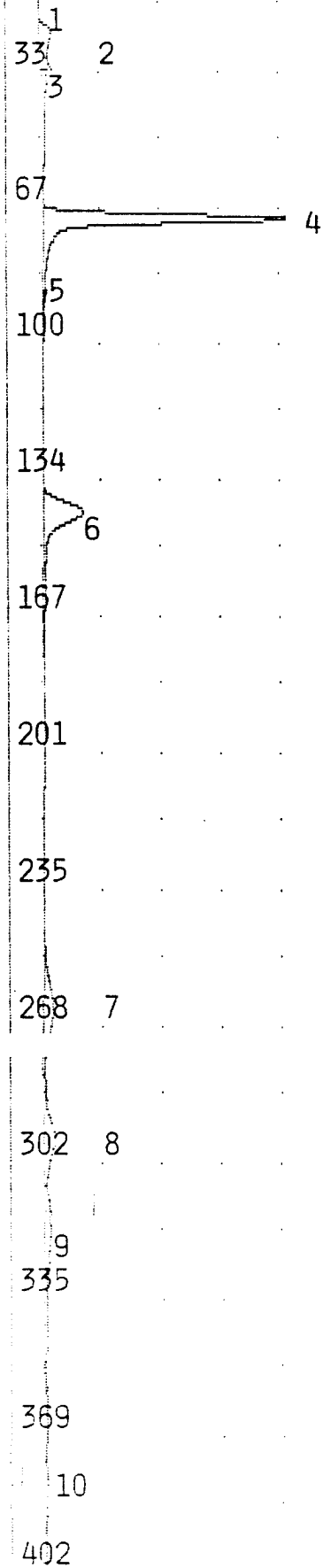
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.108 MVS	19.0
2	UNKNOWN	25.11 MVS	20.5
3	UNKNOWN	2.525 MVS	262.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
FTA-002BH 18.5-20.0

ANALYSIS #50 10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(x 10 MV)

TIME PRINTED: Nov 9,94 19:09

SAMPLE TIME: Nov 9,94 19:01

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 470.0 SEC

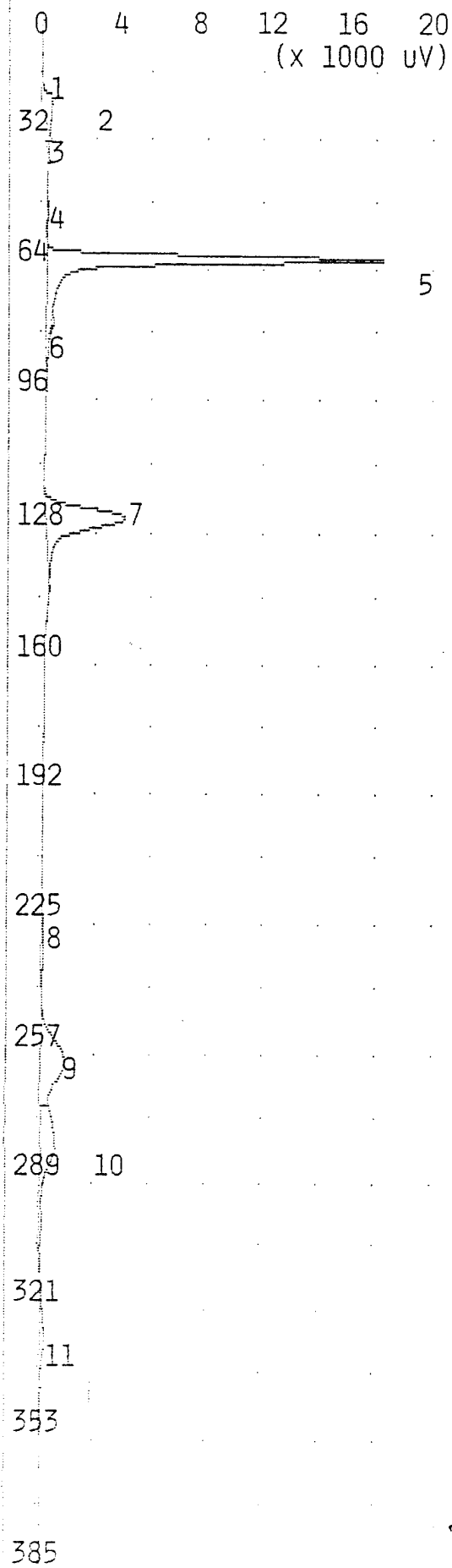
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.035 MVS	18.6
2	UNKNOWN	0.775 MVS	19.4
3	UNKNOWN	5.667 MVS	20.8
4	BENZENE	73.13 PPB	67.6
5	UNKNOWN	0.388 MVS	85.4
6	TOLUENE	66.85 PPB	140.0
7	UNKNOWN	15.06 MVS	261.8
8	ETHYLBENZENE	59.88 PPB	293.8
9	M,P-XYLENE	130.8 PPB	316.2
10	O-XYLENE	65.77 PPB	374.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 Nov 1994
100 PPB BTEX

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 08:01

SAMPLE TIME: NOV 10,94 07:53

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 125 ML/MIN
 B/F FLOW 125 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 25 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

PEAK REPORT

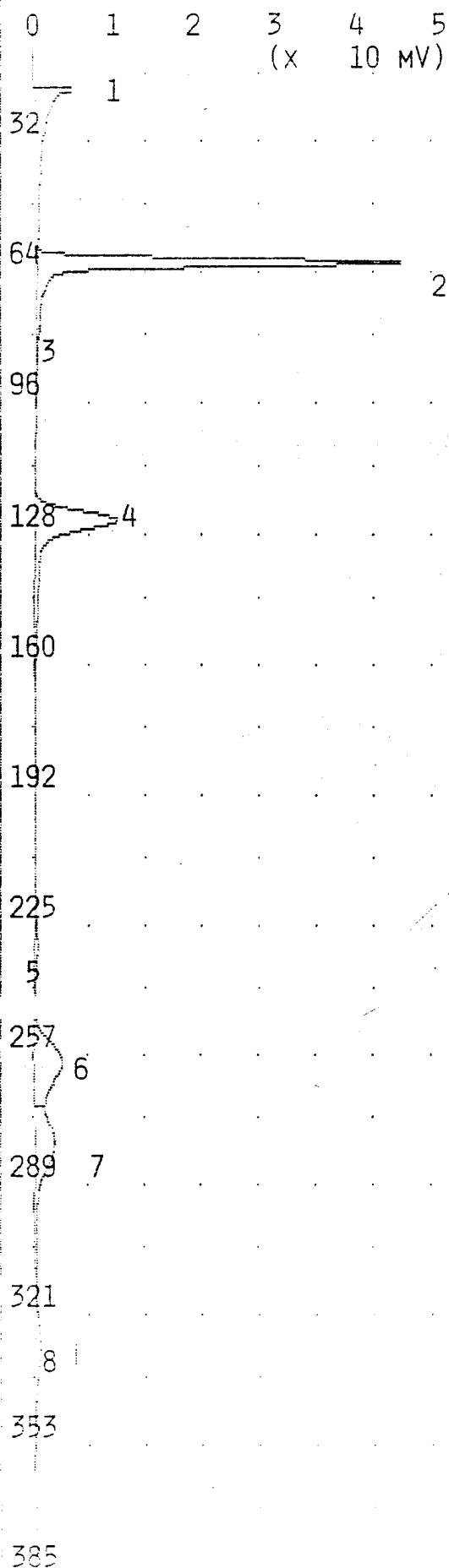
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.035 MVS	16.8
2	UNKNOWN	0.792 MVS	19.4
3	UNKNOWN	0.904 MVS	21.0
4	UNKNOWN	0.483 MVS	46.4
5	UNKNOWN	48.69 MVS	59.7
6	UNKNOWN	0.341 MVS	75.4
7	UNKNOWN	24.99 MVS	122.9
8	UNKNOWN	0.945 MVS	227.6
9	UNKNOWN	15.34 MVS	256.8
10	UNKNOWN	11.72 MVS	276.5
11	UNKNOWN	3.347 MVS	326.9

Clogged Syringe
 NOTES

JOE BYRD, JR.
 COOS BAY ANG
 10 NOV 1994
 100 PPB BTEX

*** THE AIR FLOW NOTATIONS

*** SHOULD READ 12.5 ML PER MIN



TIME PRINTED: NOV 10,94 08:13

SAMPLE TIME: NOV 10,94 08:05

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 125 ML/MIN
B/F FLOW 125 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 25 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

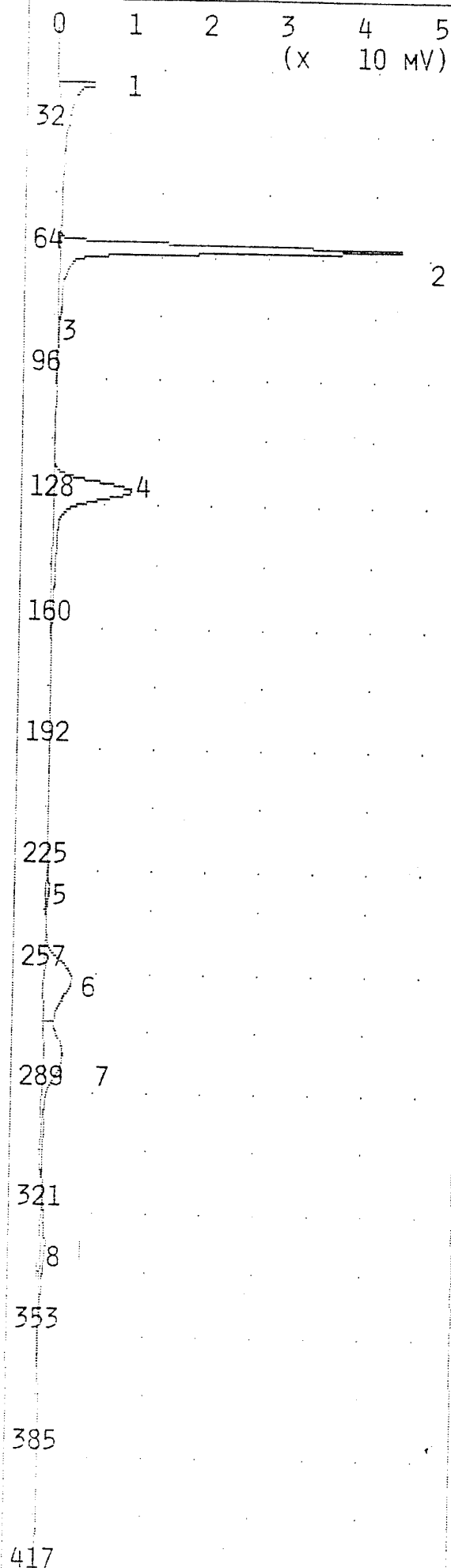
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.57 MVS	17.1
2	UNKNOWN	122.3 MVS	59.9
3	UNKNOWN	0.359 MVS	75.6
4	UNKNOWN	67.87 MVS	122.9
5	UNKNOWN	4.370 MVS	229.0
6	UNKNOWN	47.40 MVS	256.8
7	UNKNOWN	39.57 MVS	276.2
8	UNKNOWN	11.43 MVS	327.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
100 PPB BTEX

*** THE AIR FLOW NOTATIONS

*** SHOULD READ 12 ML PER MIN.



TIME PRINTED: Nov 10, 94 08:21

SAMPLE TIME: Nov 10, 94 08:05

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 125 ML/MIN
 B/F FLOW 125 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 26 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

PEAK REPORT

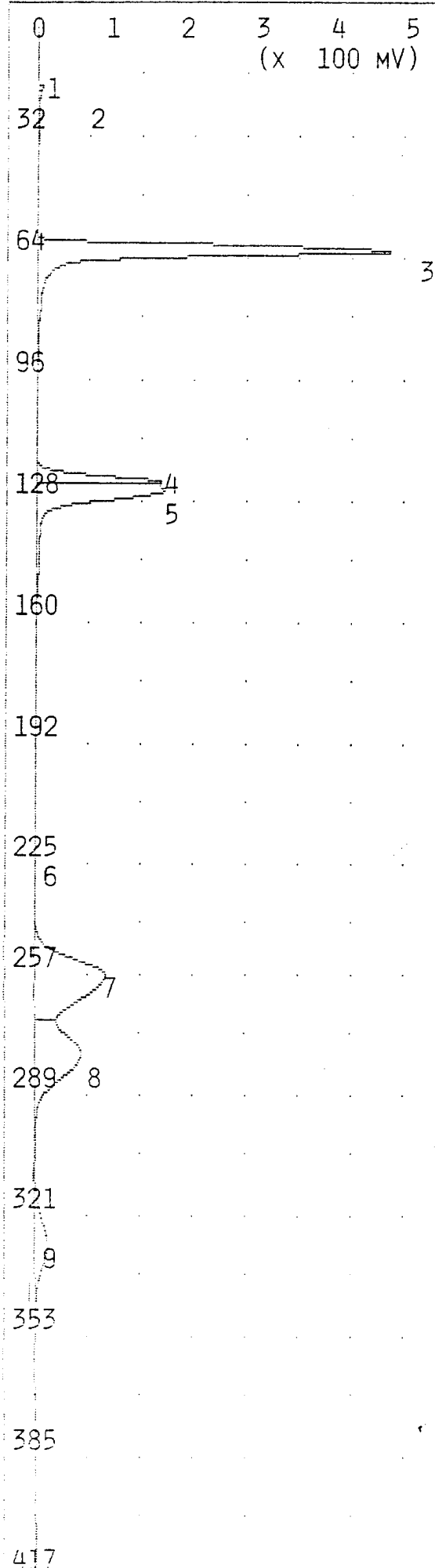
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.57 MVS	17.1
2	BENZENE	100.0 PPB	59.9
3	UNKNOWN	0.359 MVS	75.6
4	TOLUENE	100.0 PPB	122.9
5	UNKNOWN	4.370 MVS	229.0
6	ETHYLBENZENE	100.0 PPB	256.8
7	MP-XYLENE	200.0 PPB	276.2
8	O-XYLENE	100.0 PPB	327.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 10 Nov 1994
 100 PPB BTEX

*** THE AIR FLOW NOTATIONS

*** SHOULD READ 12 ML PER MIN.



TIME PRINTED: Nov 10,94 08:38

SAMPLE TIME: Nov 10,94 08:30

METHOD

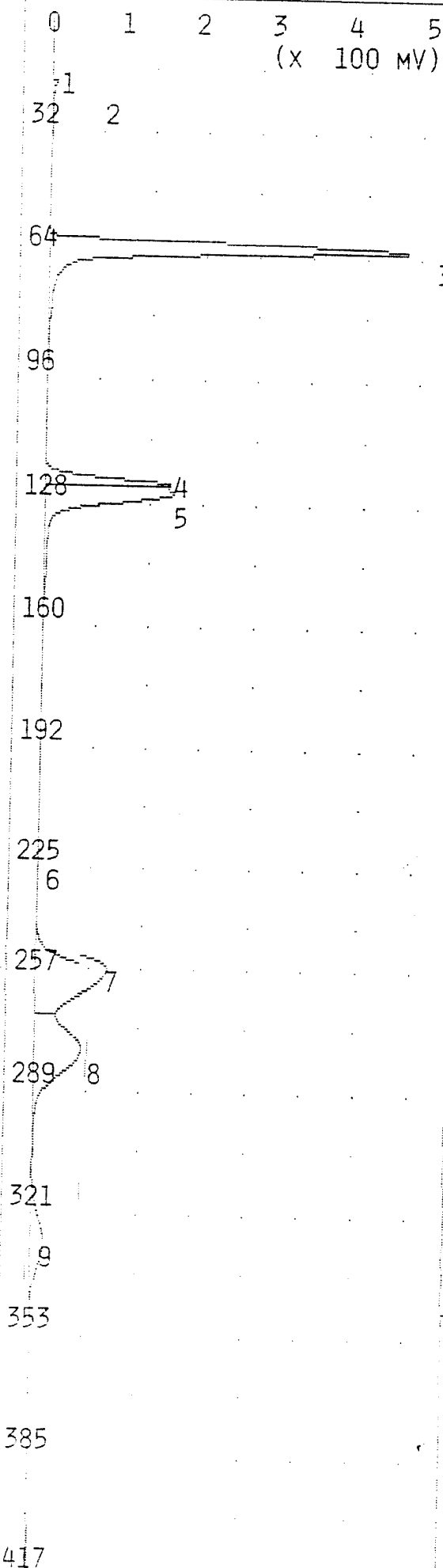
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 125 ML/MIN
B/F FLOW 125 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.702 MVS	17.0
2	UNKNOWN	31.99 MVS	18.8
3	BENZENE	1.438 PPM	60.2
4	UNKNOWN	471.2 MVS	121.4
5	TOLUENE	1.231 PPM	123.6
6	UNKNOWN	2.054 MVS	226.4
7	ETHYLBENZENE	2.661 PPM	255.4
8	MP-XYLENE	4.622 PPM	276.2
9	O-XYLENE	2.892 PPM	326.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
1 PPM BTEX



TIME PRINTED: NOV 10,94 08:43

SAMPLE TIME: NOV 10,94 08:30

METHOD

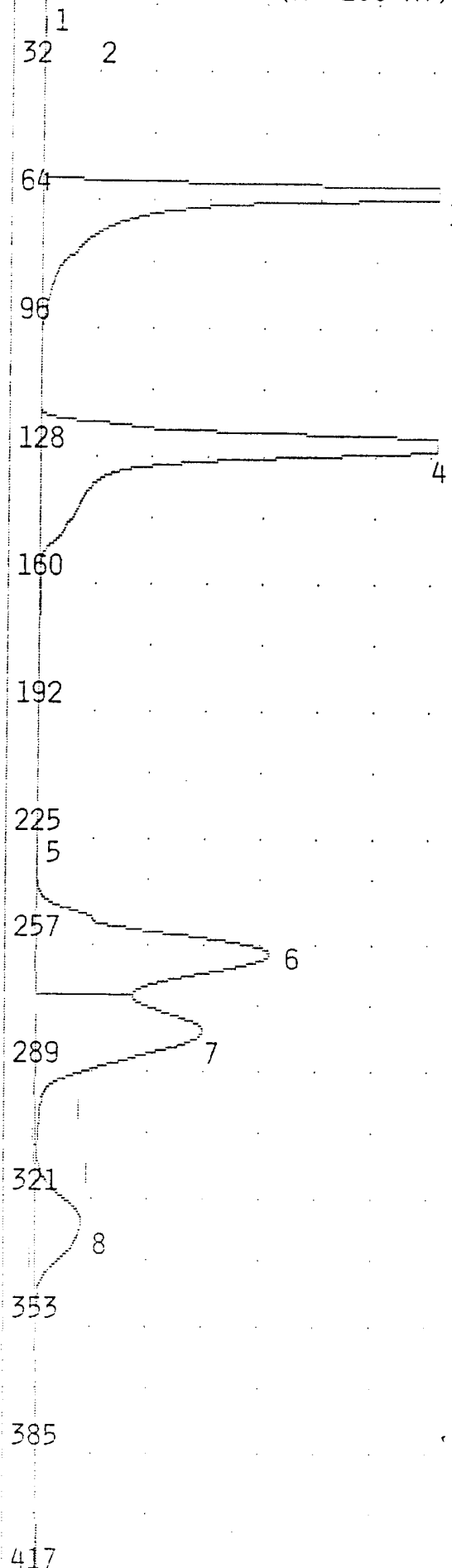
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 125 ML/MIN
B/F FLOW 125 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.702 MVS	17.0
2	UNKNOWN	31.99 MVS	18.8
3	BENZENE	1.000 PPM	60.2
4	UNKNOWN	471.2 MVS	121.4
5	TOLUENE	1.000 PPM	123.6
6	UNKNOWN	2.054 MVS	226.4
7	ETHYLBENZENE	1.000 PPM	255.4
8	MP-XYLENE	2.000 PPM	276.2
9	O-XYLENE	1.003 PPM	326.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
1 PPM BTEX

0 2 4 6 8 10
(x 100 MV)

TIME PRINTED: NOV 10,94 08:56

SAMPLE TIME: NOV 10,94 08:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

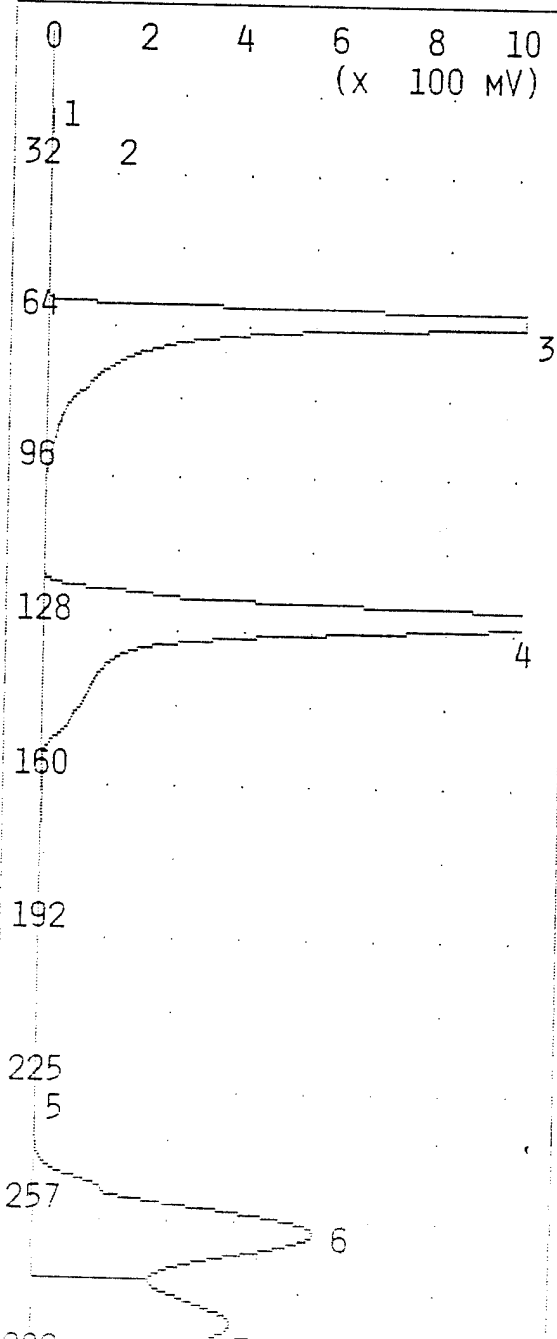
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.282 MVS	17.0
2	UNKNOWN	41.97 MVS	18.6
3	BENZENE	6.018 PPM	60.5
4	TOLUENE	13.01 PPM	123.6
5	UNKNOWN	4.275 MVS	223.0
6	ETHYLBENZENE	6.226 PPM	257.3
7	MP-XYLENE	13.62 PPM	276.8
8	O-XYLENE	6.154 PPM	325.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
10 PPM BTEX

ANALYSIS #4

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 09:01

SAMPLE TIME: Nov 10,94 08:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.282 MVS	17.0
2	UNKNOWN	41.97 MVS	18.6
3	BENZENE	10.00 PPM	60.5
4	TOLUENE	10.00 PPM	123.6
5	UNKNOWN	4.275 MVS	223.0
6	ETHYLBENZENE	10.00 PPM	257.3
7	MP-XYLENE	20.00 PPM	276.8
8	O-XYLENE	10.01 PPM	325.3

321

8

353

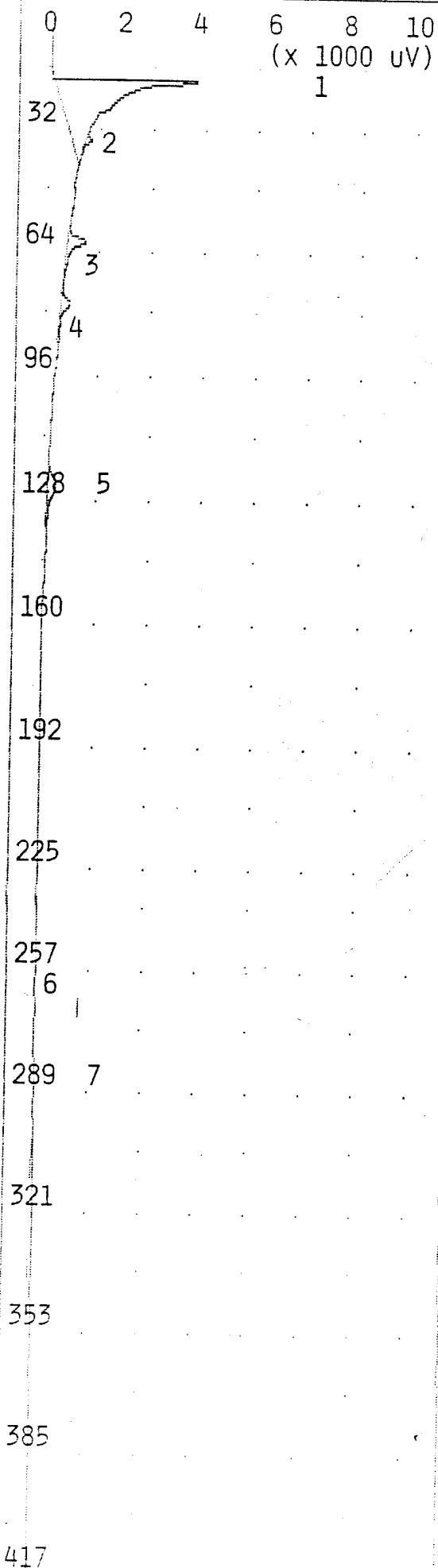
385

417

450

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
10 PPM BTEX



TIME PRINTED: Nov 10,94 09:12

SAMPLE TIME: Nov 10,94 09:04

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	24.54 MVS	17.0
2	UNKNOWN	0.234 MVS	33.0
3	BENZENE	1.274 PPB	59.6
4	UNKNOWN	0.785 MVS	75.6
5	TOLUENE	1.820 PPB	122.4
6	ETHYLBENZENE	4.445 PPB	256.5
7	MP-XYLENE	4.588 PPB	276.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 Nov 1994
AIR BLANK

0 2 4 6 8 10
(x 100 uV)

32

1

64

2

96

128

160

192^L

225

257

289

321

353

385

417

TIME PRINTED: Nov 10,94 09:39

SAMPLE TIME: Nov 10,94 09:31

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

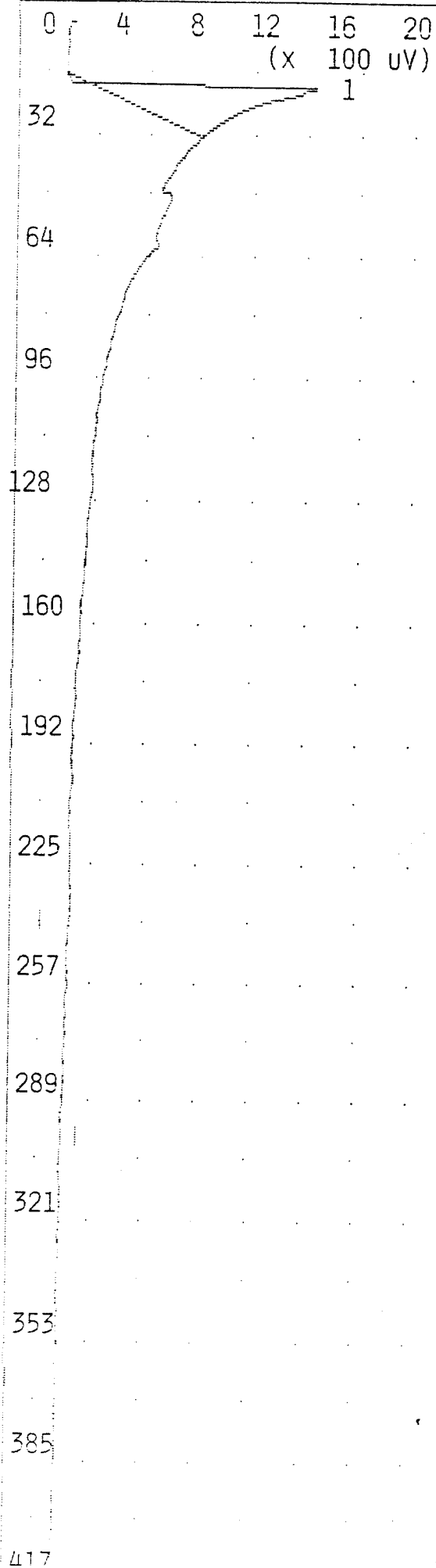
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.677 MVS	19.3
2	UNKNOWN	0.230 MVS	46.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 Nov 1994
OWD-001H 1.0- 2.5

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 09:50

SAMPLE TIME: NOV 10,94 09:43

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.651 MVS	17.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-001H 1.0- 2.5

0 1 2 3 4 5
(x 1000 uV)

32 1

64 2

96

128

160

192

225

257

289

321

353

385

417

TIME PRINTED: Nov 10,94 10:01

SAMPLE TIME: Nov 10,94 09:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	49.31 MVS	25.2
2	UNKNOWN	0.059 MVS	45.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-001H 8.5- 9.5

TIME PRINTED: Nov 10, 94 10:14

SAMPLE TIME: Nov 10, 94 10:07

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.600 MVS	21.7
2	UNKNOWN	3.700 MVS	49.4

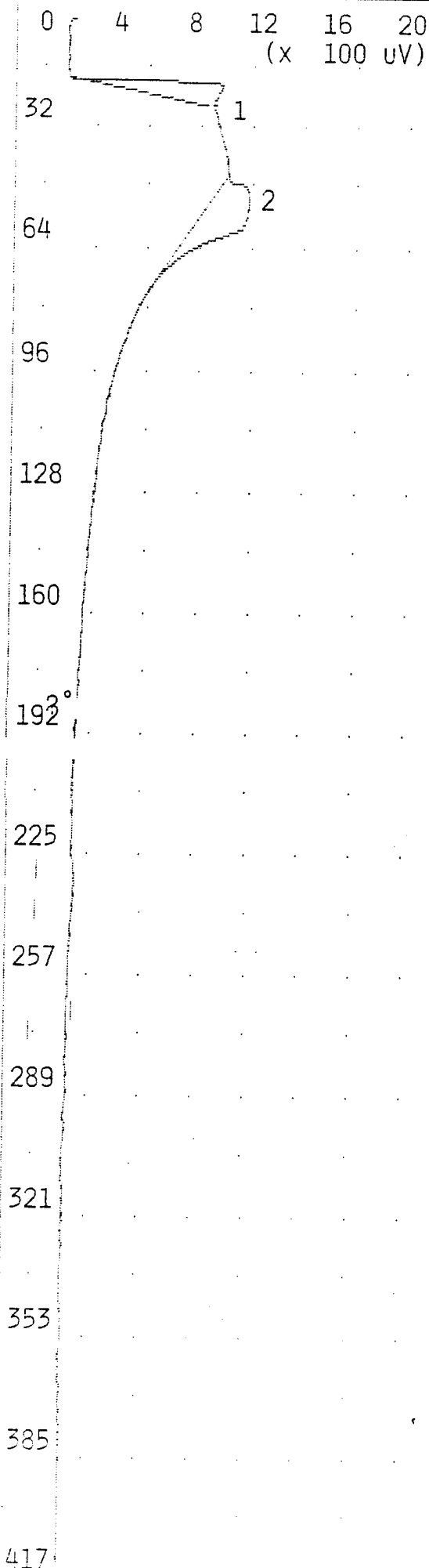
NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 Nov 1994

24D-001H 3.5-9.5

13.5-15.0 33

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT

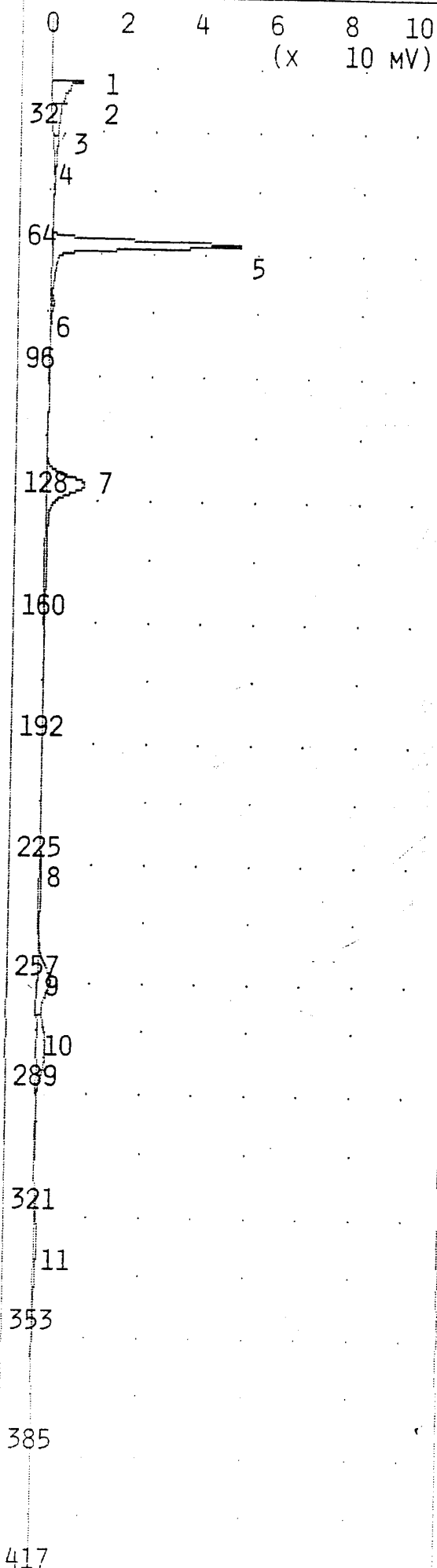


TIME PRINTED: NOV 10,94 10:26
 SAMPLE TIME: NOV 10,94 10:18
 METHOD
 SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

PEAK REPORT		
PK	COMPOUND NAME	AREA/CONC R.T.
1	UNKNOWN	2.744 MVS 19.3
2	UNKNOWN	3.736 MVS 49.4

NOTES
 JOE BYRD, JR.
 COOS BAY ANG
 10 Nov 1994
 OWD-001H 18.5-20.0
 MISSED SHOT

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 10:36
 SAMPLE TIME: Nov 10,94 10:29

METHOD

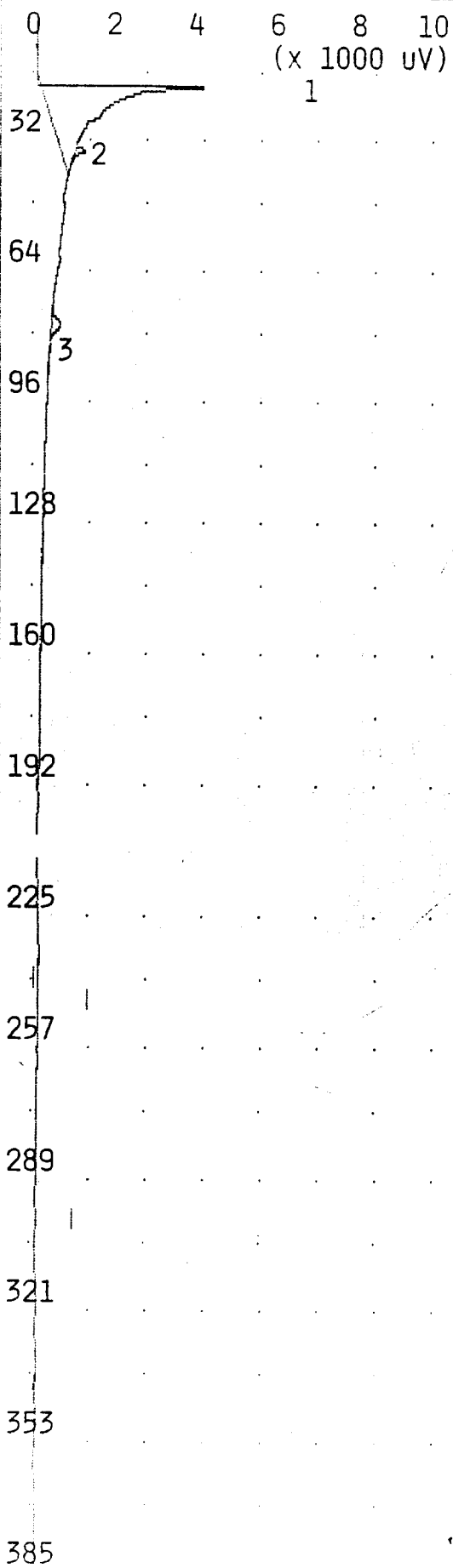
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.758 MVS	17.0
2	UNKNOWN	35.31 MVS	18.6
3	UNKNOWN	0.230 MVS	20.9
4	UNKNOWN	8.416 MVS	32.9
5	BENZENE	108.3 PPB	59.7
6	UNKNOWN	1.736 MVS	75.4
7	TOLUENE	94.75 PPB	122.5
8	UNKNOWN	7.018 MVS	227.0
9	ETHYLBENZENE	91.88 PPB	255.4
10	MP-XYLENE	183.4 PPB	275.2
11	O-XYLENE	97.07 PPB	325.3

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 10 Nov 1994
 100 PPB BTEX



TIME PRINTED: Nov 10,94 10:47

SAMPLE TIME: Nov 10,94 10:40

METHOD

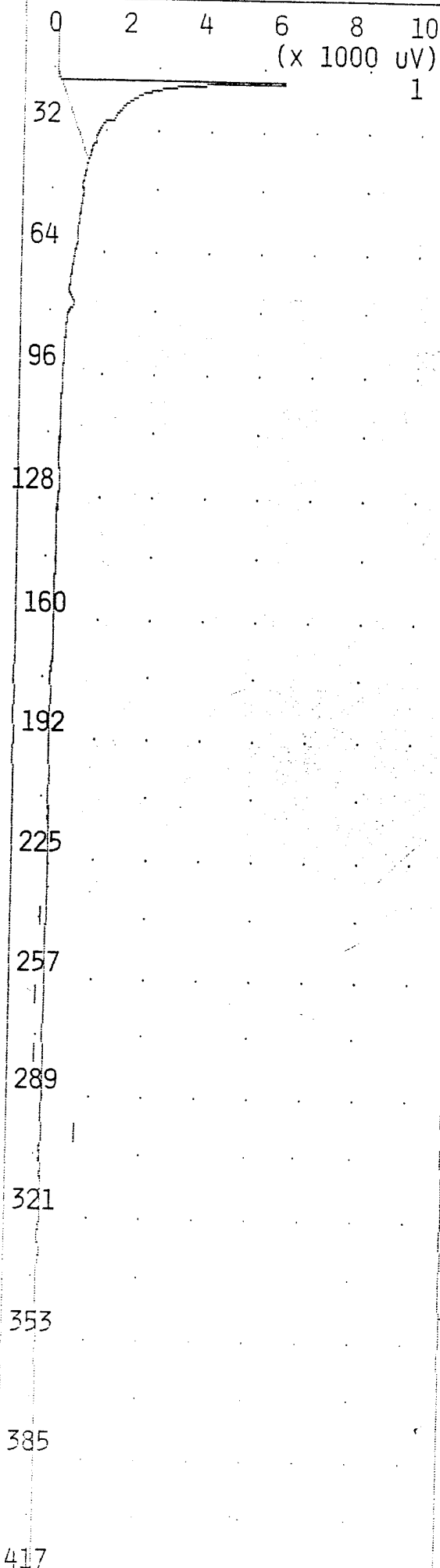
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.62 MVS	16.9
2	UNKNOWN	0.380 MVS	32.9
3	UNKNOWN	0.869 MVS	75.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
AIR BLANK



TIME PRINTED: NOV 10,94 10:59

SAMPLE TIME: NOV 10,94 10:51

METHOD

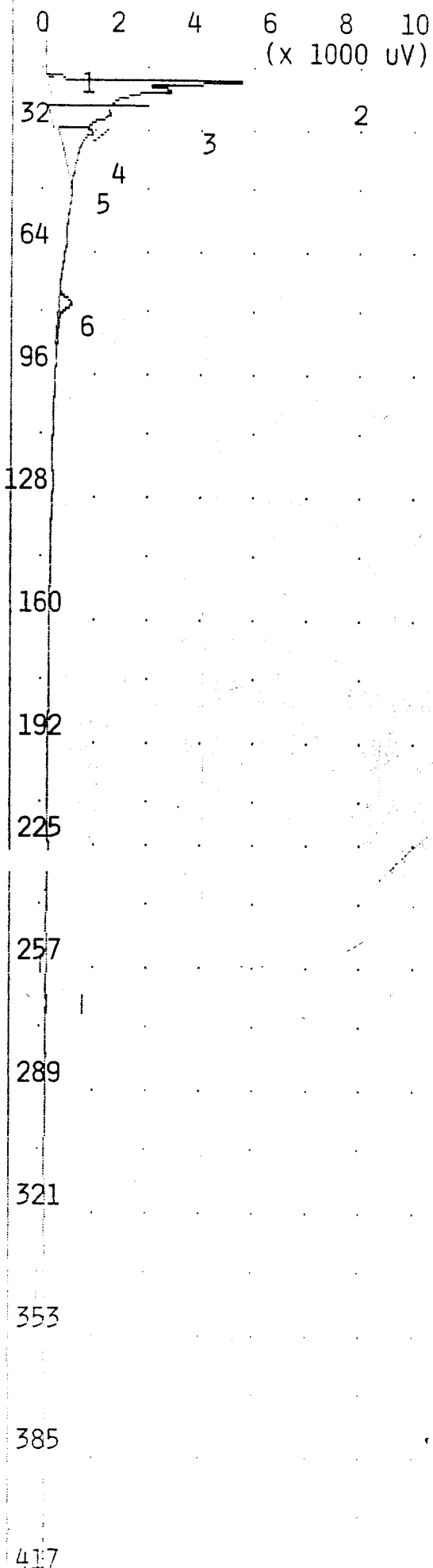
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	28.15 MVS	16.9

NOTES

JOE BYRD, JR.
COOS BAY ANGUS
10 Nov 1994
OWD-001BH RESHOT 8.5 - 9.5



TIME PRINTED: Nov 10,94 11:09

SAMPLE TIME: Nov 10,94 11:02

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

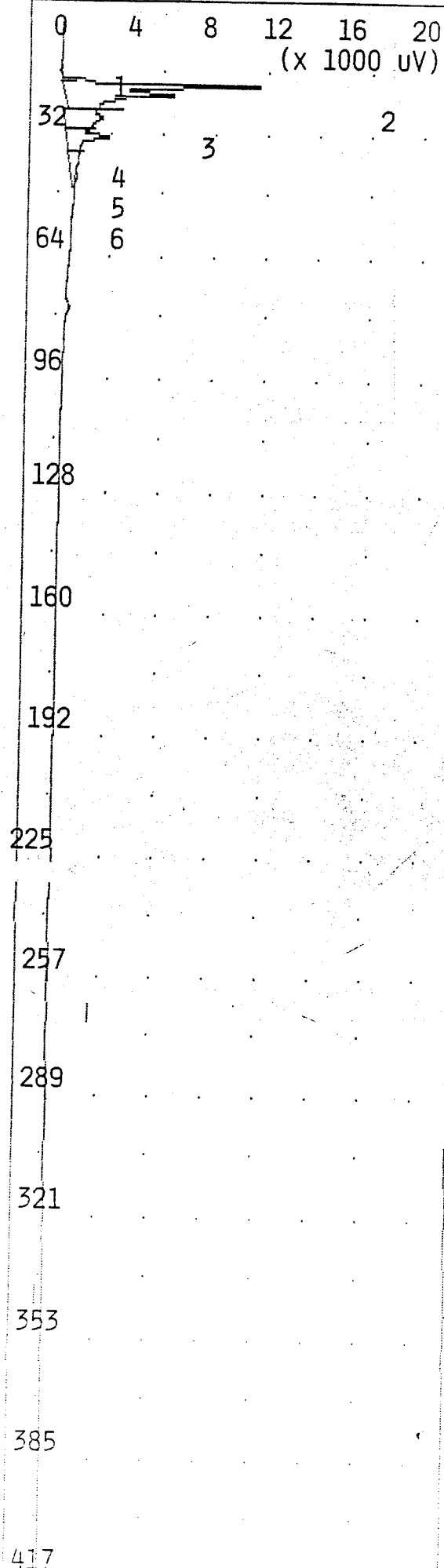
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.378 MVS	15.9
2	UNKNOWN	8.026 MVS	17.0
3	UNKNOWN	18.78 MVS	19.4
4	UNKNOWN	0.435 MVS	25.6
5	UNKNOWN	5.398 MVS	30.8
6	UNKNOWN	1.066 MVS	75.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-001BH RESHOT 13.5 -15.0

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 11:20

SAMPLE TIME: NOV 10,94 11:12

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

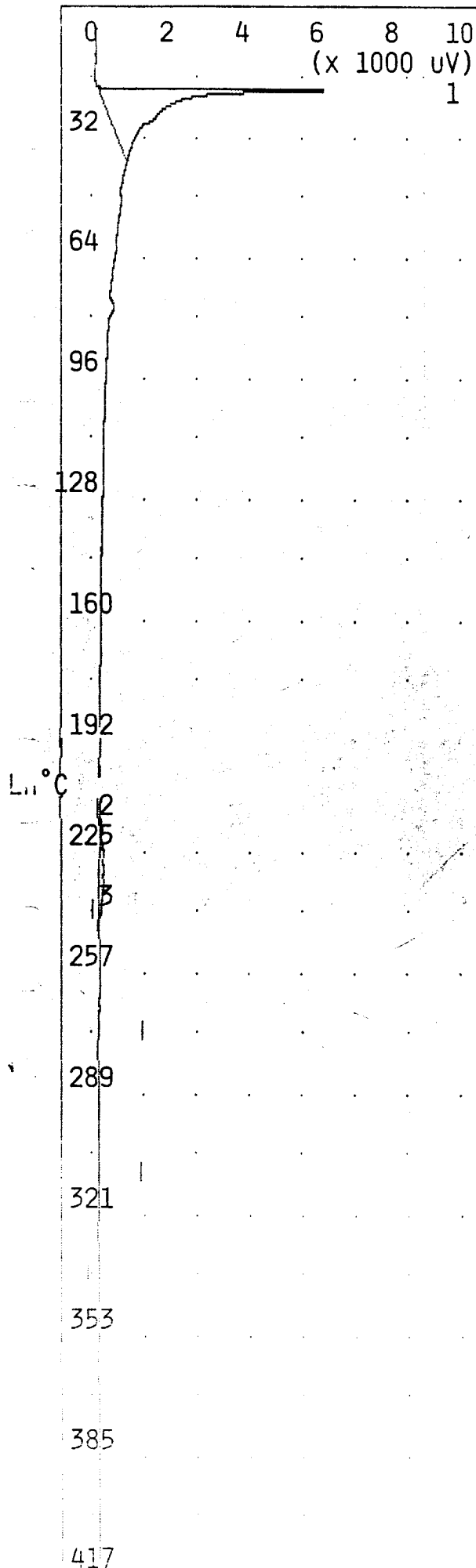
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.364 MVS	16.0
2	UNKNOWN	15.12 MVS	17.0
3	UNKNOWN	16.27 MVS	19.4
4	UNKNOWN	8.652 MVS	25.6
5	UNKNOWN	7.810 MVS	30.9
6	UNKNOWN	0.006 MVS	41.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 10 NOV 1994
 OWD-001BH RESHOT 18.5 -20.0

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 12:00

SAMPLE TIME: Nov 10,94 11:52

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

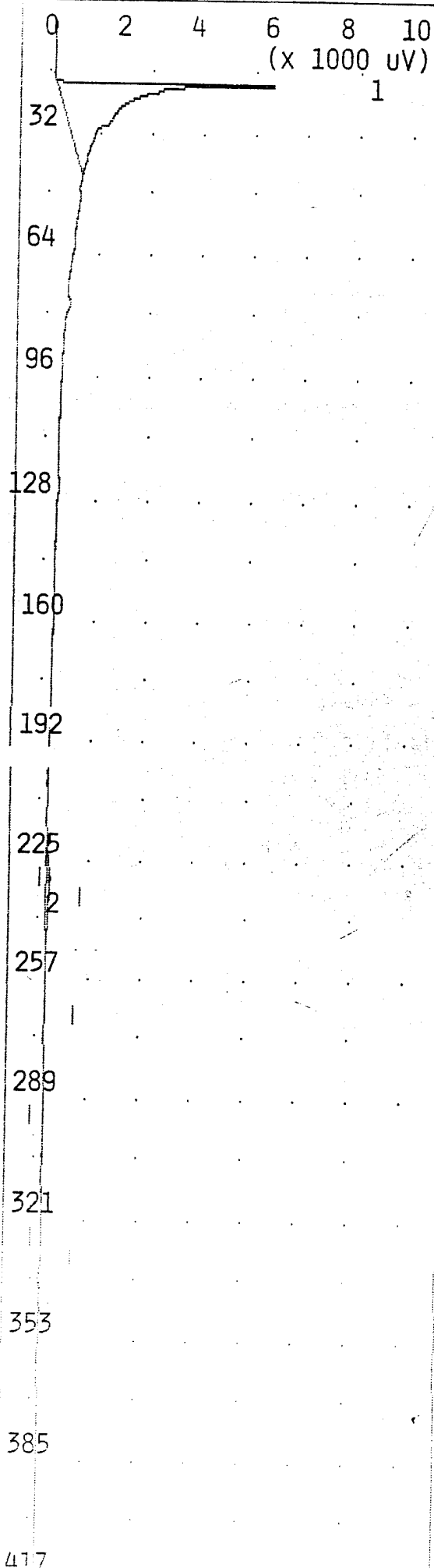
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	25.32 MVS	16.9
2	UNKNOWN	0.676 MVS	207.0
3	UNKNOWN	1.808 MVS	228.2

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 10 Nov 1994
 OWD-002BH 1.0 - 2.5

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10, 94 12:11
SAMPLE TIME: Nov 10, 94 12:03

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

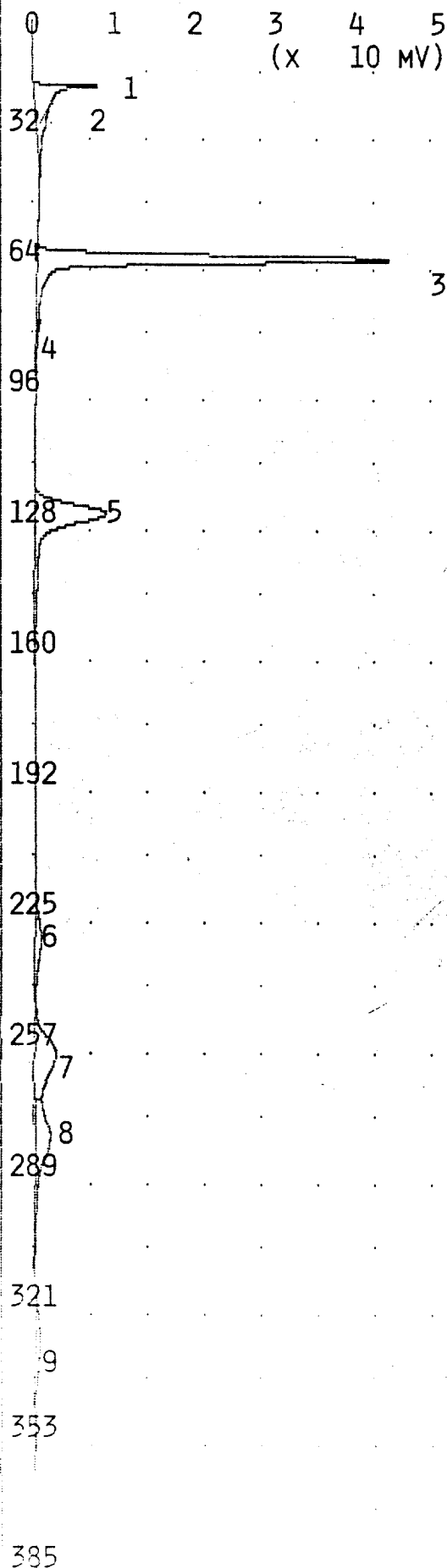
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	30.15 MVS	16.8
2	UNKNOWN	0.949 MVS	228.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-002BH 4.5 - 6.0

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 12:24

SAMPLE TIME: Nov 10,94 12:16

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	31.63 MVS	16.8
2	UNKNOWN	0.111 MVS	20.7
3	BENZENE	94.92 PPB	59.6
4	UNKNOWN	0.340 MVS	75.0
5	TOLUENE	83.31 PPB	122.4
6	UNKNOWN	10.42 MVS	227.6
7	ETHYLBENZENE	70.75 PPB	255.4
8	MP-XYLENE	138.7 PPB	275.2
9	O-XYLENE	80.84 PPB	325.8

NOTES

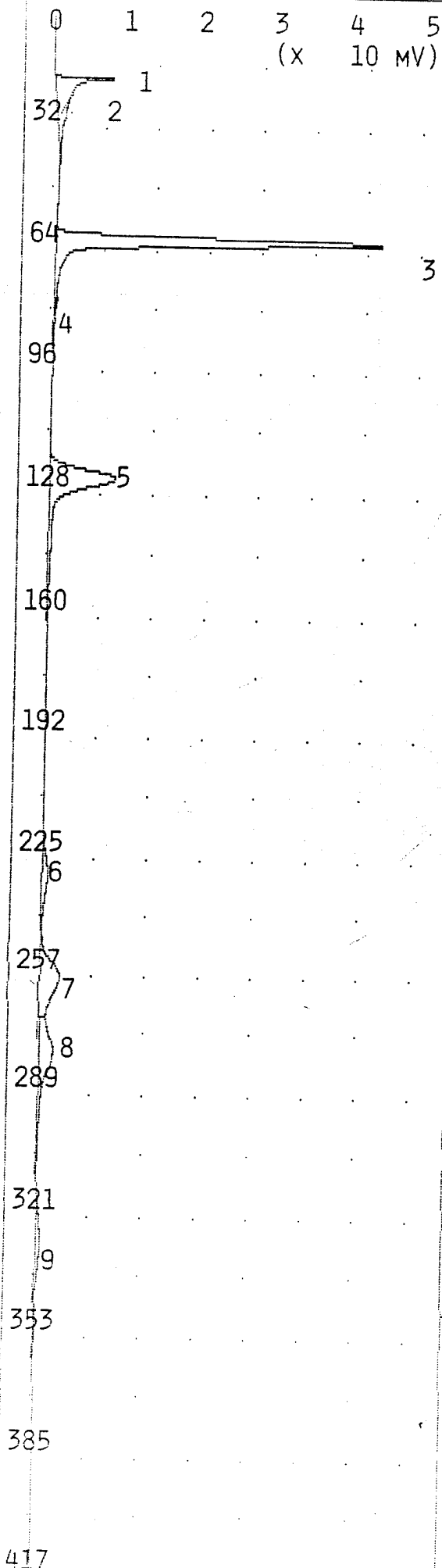
JOE BYRD, JR.

COOS BAY ANGCS

10 Nov 1994

~~OWD-002BH 4.5 6.0~~

100 PPB BTEX J3



TIME PRINTED: NOV 10,94 12:29

SAMPLE TIME: NOV 10,94 12:16

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	31.63 MVS	16.8
2	UNKNOWN	0.111 MVS	20.7
3	BENZENE	100.0 PPB	59.6
4	UNKNOWN	0.340 MVS	75.0
5	TOLUENE	100.0 PPB	122.4
6	UNKNOWN	10.42 MVS	227.6
7	ETHYLBENZENE	99.99 PPB	255.4
8	MP-XYLENE	200.0 PPB	275.2
9	O-XYLENE	100.0 PPB	325.8

NOTES

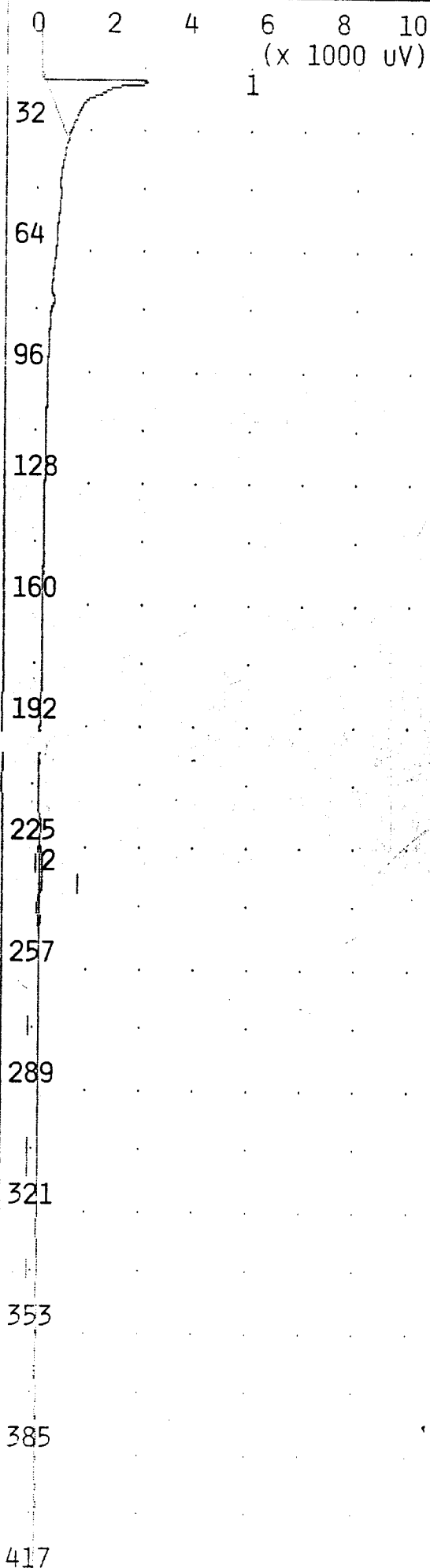
JOE BYRD, JR.

COOS BAY ANG5

10 Nov 1994

~~QWB 002BH 4.5 6.0~~

100 PPB BTEX JB



TIME PRINTED: Nov 10,94 12:41

SAMPLE TIME: Nov 10,94 12:33

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

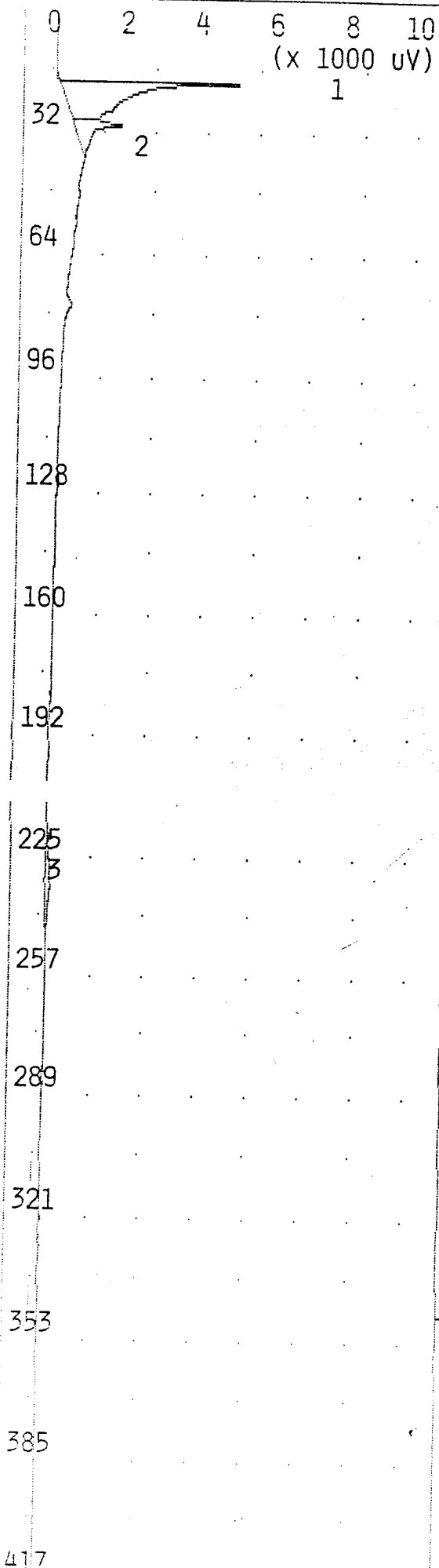
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.95 MVS	17.0
2	UNKNOWN	0.839 MVS	227.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 Nov 1994

~~OWD-002BH 4.5 6.0 B~~

AIR BLANK



TIME PRINTED: NOV 10,94 12:52

SAMPLE TIME: NOV 10,94 12:44

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

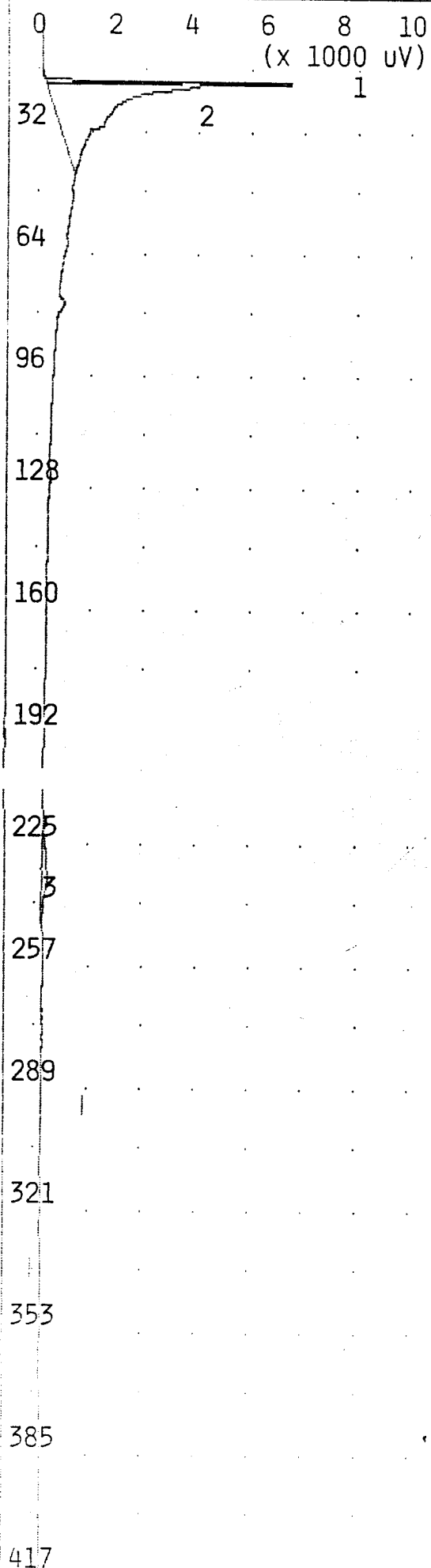
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	19.44 MVS	16.9
2	UNKNOWN	4.328 MVS	28.2
3	UNKNOWN	1.413 MVS	227.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 NOV 1994
OWD-002BH 8.5 -10.0

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 13:02

SAMPLE TIME: NOV 10,94 12:54

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.515 MVS	16.9
2	UNKNOWN	26.77 MVS	18.4
3	ETHYLBENZENE	5.230 PPB	230.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-002BH 13.5 -15.0

ANALYSIS #22

10S+ GC FUNCTION ANALYSIS REPORT

TIME PRINTED: NOV 10,94 13:12

SAMPLE TIME: NOV 10,94 13:05

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

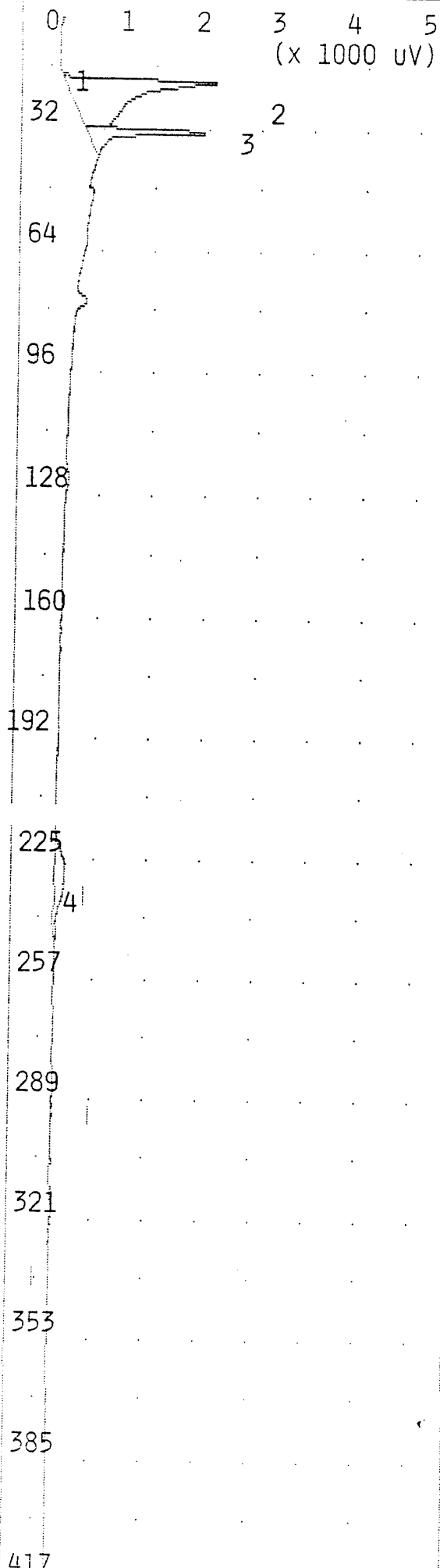
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.073 MVS	15.8
2	UNKNOWN	11.17 MVS	17.2
3	UNKNOWN	3.346 MVS	30.7
4	UNKNOWN	1.889 MVS	227.8

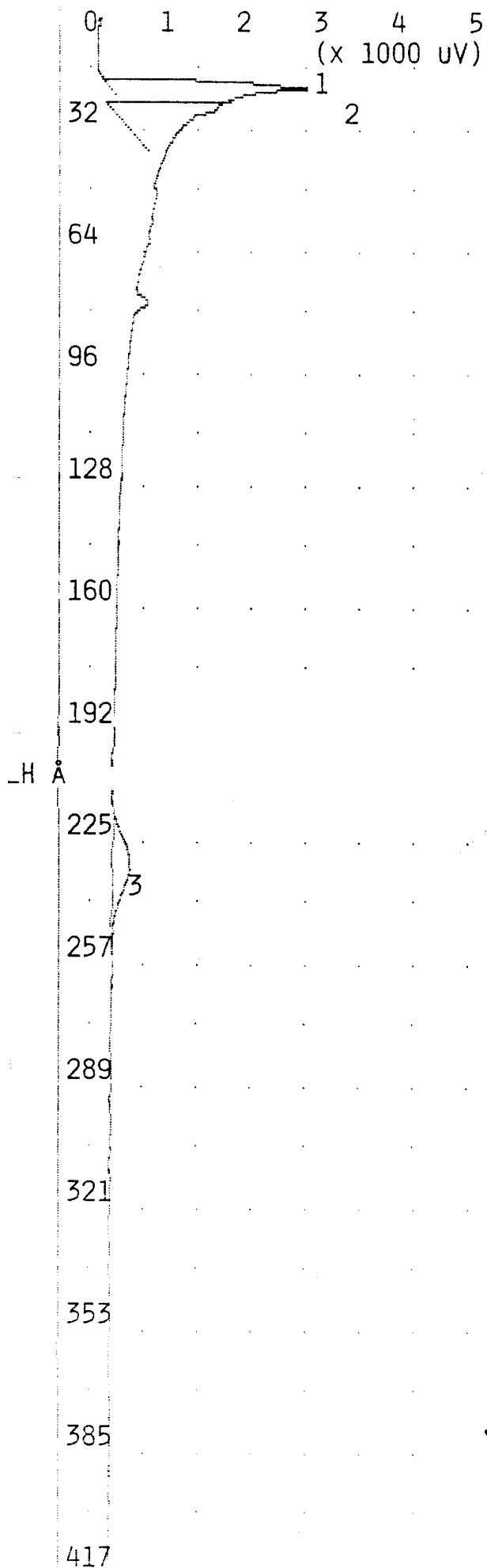
NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-002BH 18.5 -20.0



ANALYSIS #23

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 13:23

SAMPLE TIME: Nov 10,94 13:15

METHOD

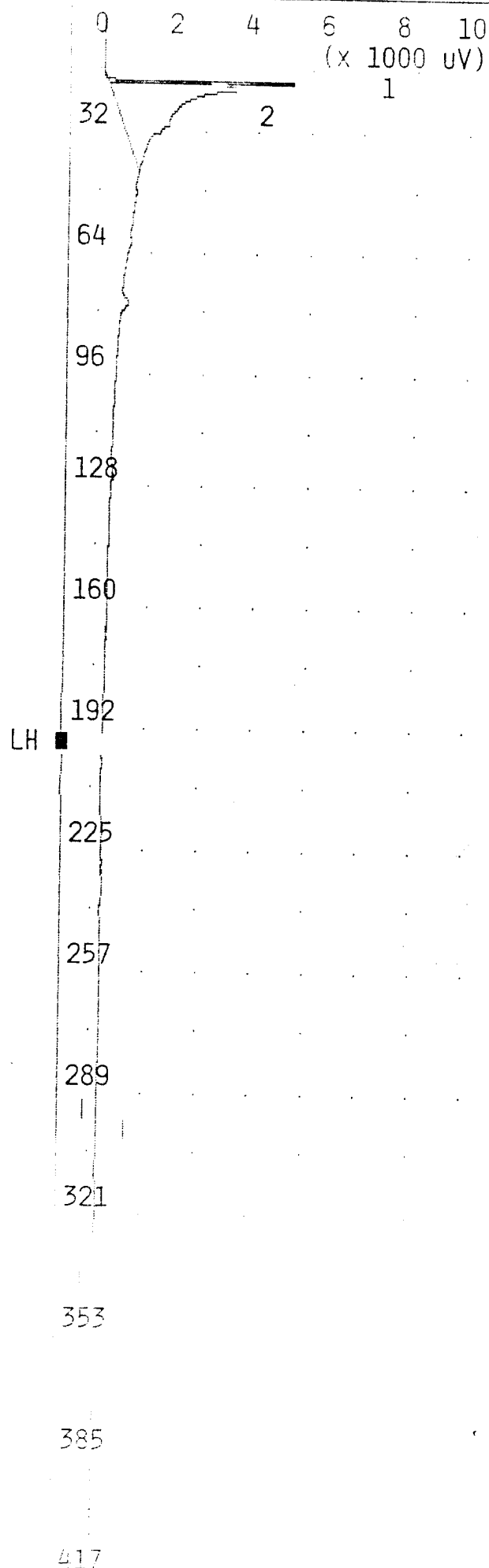
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.148 MVS	17.2
2	UNKNOWN	16.70 MVS	18.6
3	UNKNOWN	3.858 MVS	228.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-002BH 1.0- 2.5
3



TIME PRINTED: NOV 10,94 13:34

SAMPLE TIME: NOV 10,94 13:26

METHOD

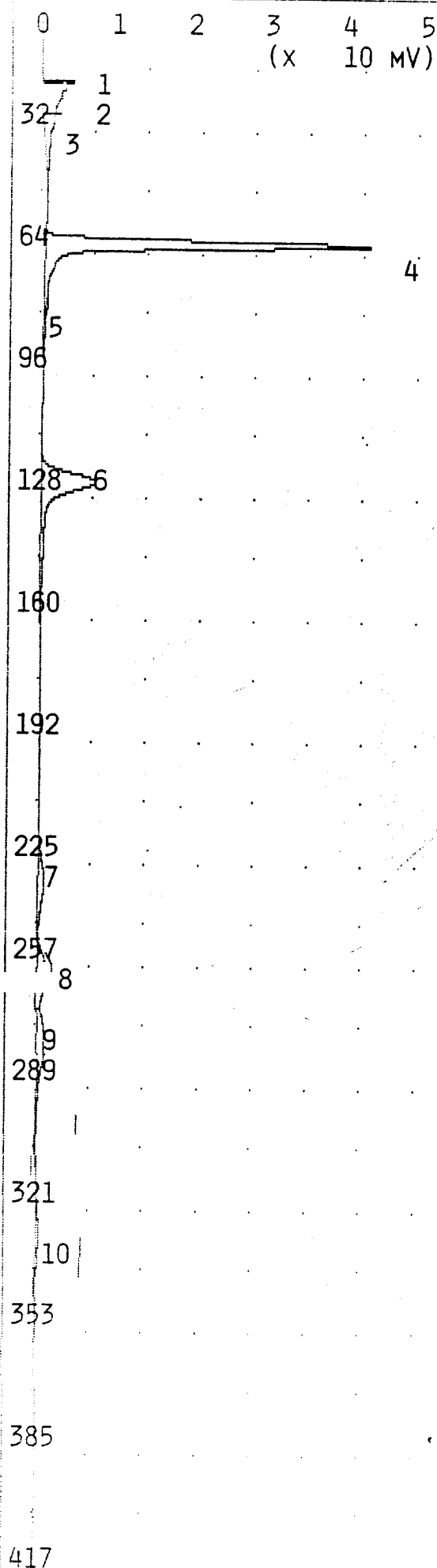
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.650 MVS	16.8
2	UNKNOWN	26.68 MVS	18.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 NOV 1994
OWD-003BH 4.5- 6.0



TIME PRINTED: Nov 10,94 13:44

SAMPLE TIME: Nov 10,94 13:36

METHOD

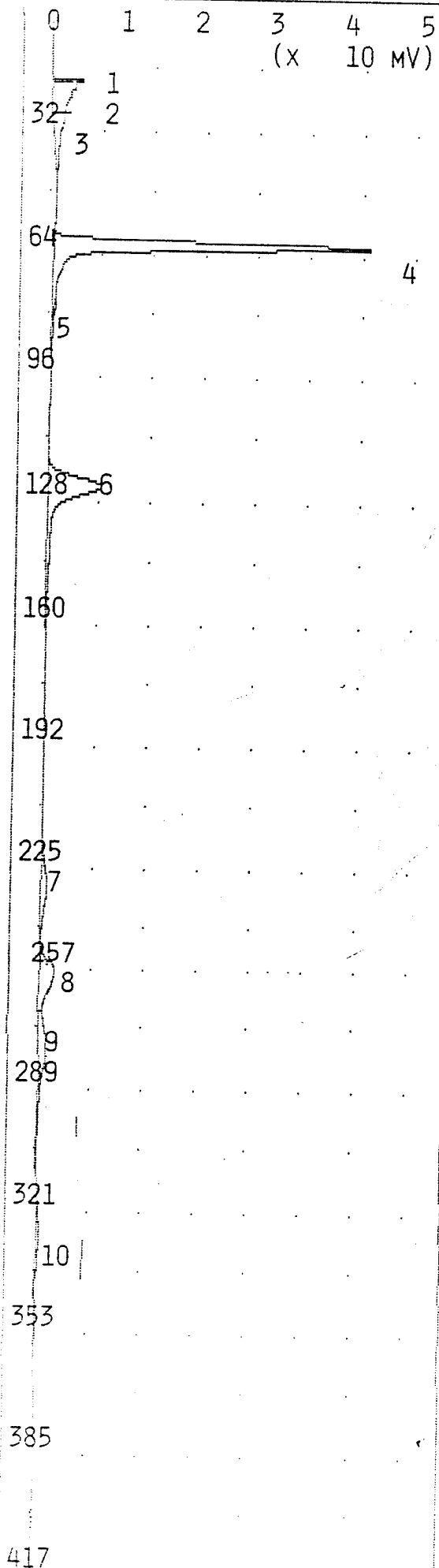
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.171 MVS	17.0
2	UNKNOWN	6.486 MVS	18.6
3	UNKNOWN	18.38 MVS	21.0
4	BENZENE	100.3 PPB	59.6
5	UNKNOWN	0.452 MVS	75.3
6	TOLUENE	84.80 PPB	122.4
7	UNKNOWN	11.54 MVS	227.0
8	ETHYLBENZENE	71.00 PPB	255.4
9	MP-XYLENE	129.7 PPB	275.4
10	O-XYLENE	68.25 PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 NOV 1994
100 PPB BTEX



TIME PRINTED: NOV 10,94 13:50

SAMPLE TIME: NOV 10,94 13:36

METHOD

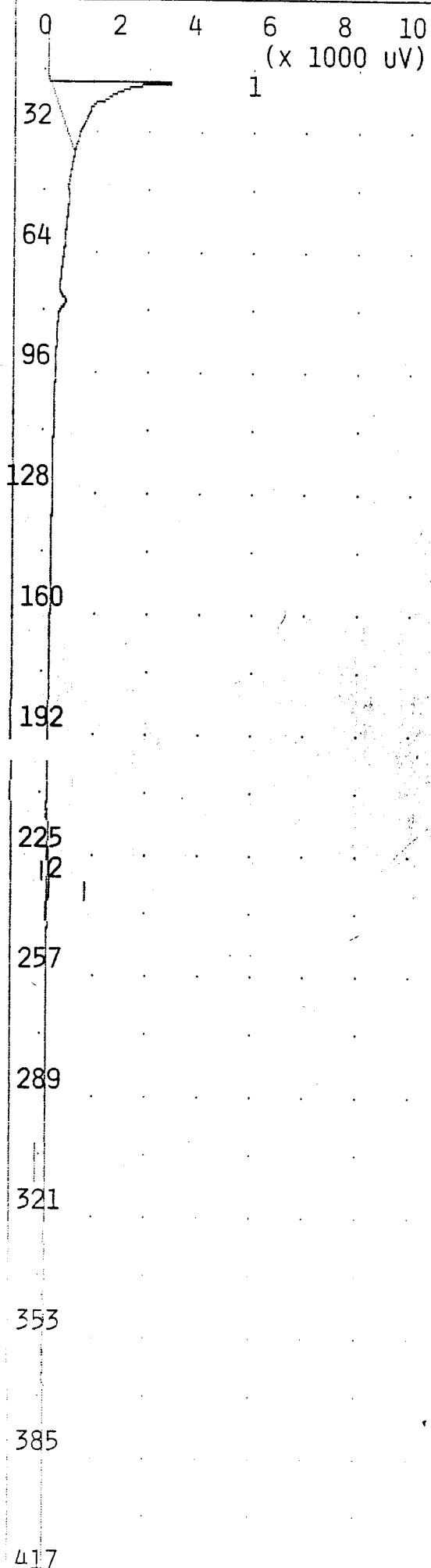
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.171 MVS	17.0
2	UNKNOWN	6.486 MVS	18.6
3	UNKNOWN	18.38 MVS	21.0
4	BENZENE	100.0 PPB	59.6
5	UNKNOWN	0.452 MVS	75.3
6	TOLUENE	100.0 PPB	122.4
7	UNKNOWN	11.54 MVS	227.0
8	ETHYLBENZENE	100.0 PPB	255.4
9	MP-XYLENE	200.0 PPB	275.4
10	O-XYLENE	100.0 PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
100 PPB BTEX



TIME PRINTED: NOV 10,94 14:01

SAMPLE TIME: NOV 10,94 13:53

METHOD

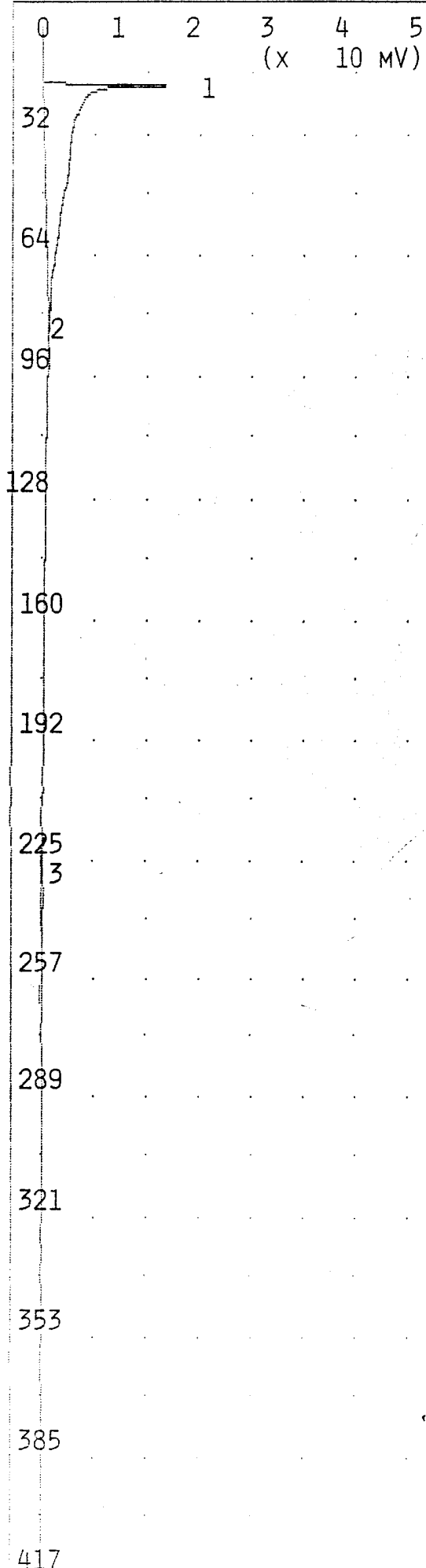
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.54 MVS	16.9
2	UNKNOWN	0.756 MVS	227.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
AIR BLANK



TIME PRINTED: NOV 10,94 14:11

SAMPLE TIME: NOV 10,94 14:03

METHOD

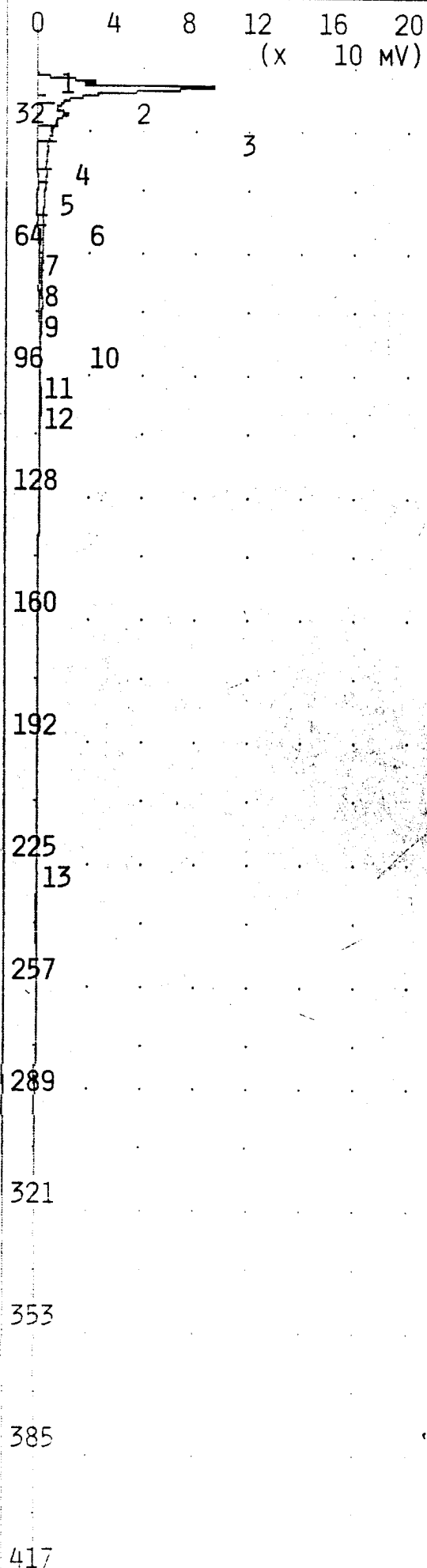
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	176.0 MVS	16.8
2	UNKNOWN	0.246 MVS	75.3
3	UNKNOWN	0.876 MVS	227.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-003BH 8.5- 9.5



TIME PRINTED: NOV 10,94 14:21

SAMPLE TIME: NOV 10,94 14:14

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.872 MVS	15.7
2	UNKNOWN	38.44 MVS	16.6
3	UNKNOWN	241.3 MVS	18.3
4	UNKNOWN	46.84 MVS	25.6
5	UNKNOWN	23.02 MVS	28.2
6	UNKNOWN	22.79 MVS	30.7
7	UNKNOWN	15.17 MVS	34.6
8	UNKNOWN	15.22 MVS	37.4
9	UNKNOWN	57.93 MVS	41.3
10	UNKNOWN	0.314 MVS	53.5
11	BENZENE	23.96 PPB	59.5
12	UNKNOWN	20.82 MVS	75.6
13	UNKNOWN	3.565 MVS	225.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
OWD-003BH 13.5-14.5

10S+ GC FUNCTION ANALYSIS REPORT

SAMPLE TIME: NOV 10,94 14:25

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA	0.000	MYSEC
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MIN HEIGHT	0.000	MV
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ANALYSIS DELAY	0.0	SEC
----------------	-----	-----

WINDOW PERCENT	10.0	%
----------------	------	---

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN	1000
----------	------

ANALYSIS TIME 450.0 SEC

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.546 MVS	15.7
2	UNKNOWN	52.01 MVS	16.7
3	UNKNOWN	44.24 MVS	19.2
4	UNKNOWN	0.408 MVS	22.8
5	UNKNOWN	16.79 MVS	25.5
6	UNKNOWN	7.424 MVS	28.2
7	UNKNOWN	7.692 MVS	30.7
8	UNKNOWN	3.453 MVS	34.6
9	UNKNOWN	3.812 MVS	37.2
10	UNKNOWN	5.112 MVS	41.2
11	UNKNOWN	7.056 MVS	44.4
12	UNKNOWN	2.955 MVS	53.8
13	BENZENE	5.324 PPB	59.4
14	UNKNOWN	3.088 MVS	75.4

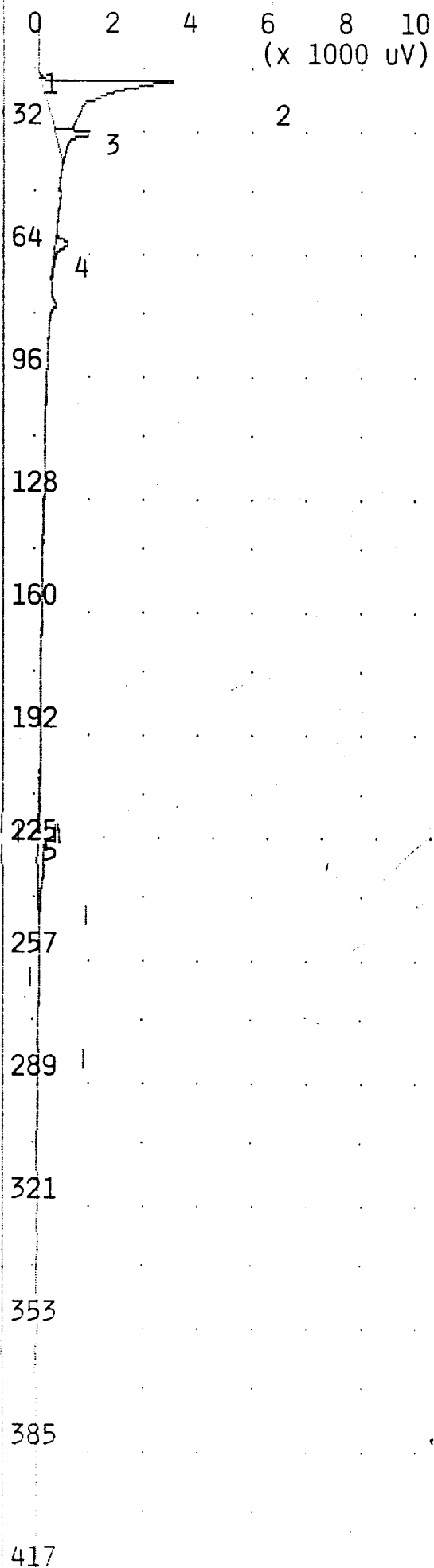
NOTES

JOE BYRD, JR.

Coos Bay ANGS

10 Nov 1994

OWD-003BH 13.5-14.5 RESHOT



TIME PRINTED: Nov 10, 94 14:43

SAMPLE TIME: Nov 10, 94 14:36

METHOD

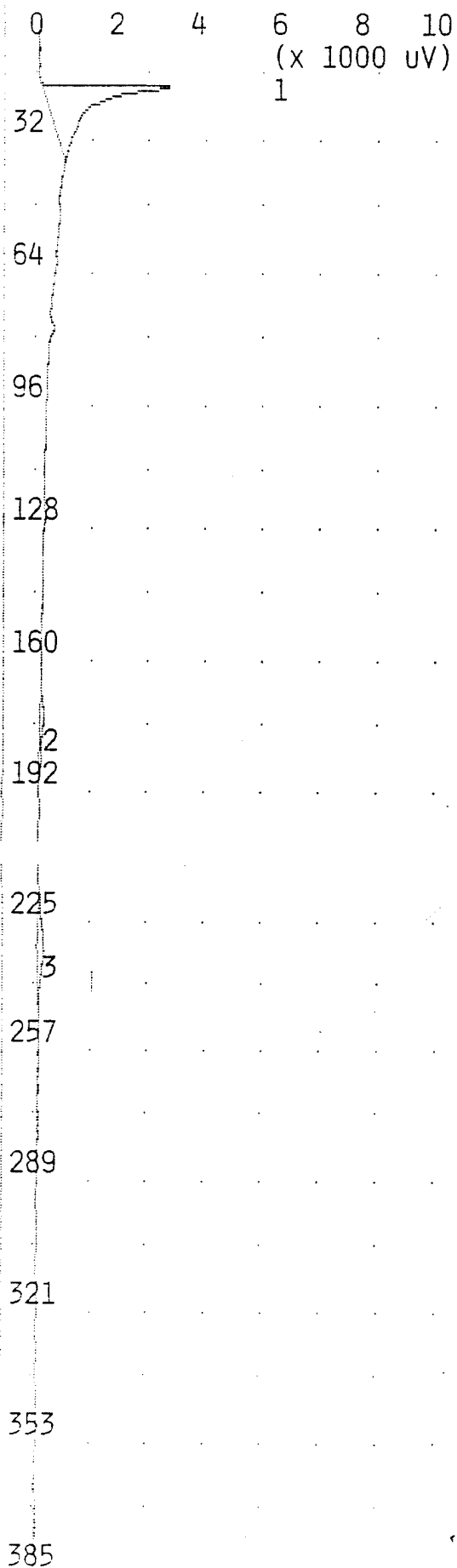
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.056 MVS	15.8
2	UNKNOWN	17.42 MVS	17.0
3	UNKNOWN	2.821 MVS	30.7
4	BENZENE	0.842 PPB	59.5
5	UNKNOWN	1.686 MVS	225.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 Nov 1994
OWD-003BH 18.5-20.0



TIME PRINTED: Nov 10,94 14:54

SAMPLE TIME: Nov 10,94 14:46

METHOD

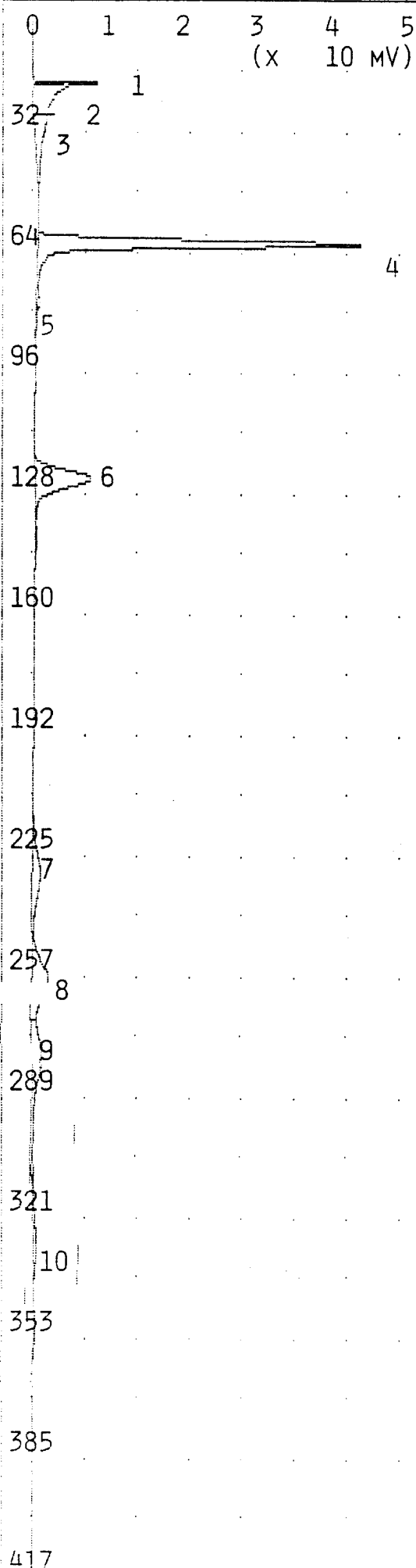
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	16.65 MVS	17.0
2	UNKNOWN	0.664 MVS	171.6
3	UNKNOWN	1.920 MVS	228.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
MSS-001BH 1.0- 2.5



TIME PRINTED: NOV 10,94 15:04

SAMPLE TIME: NOV 10,94 14:56

METHOD

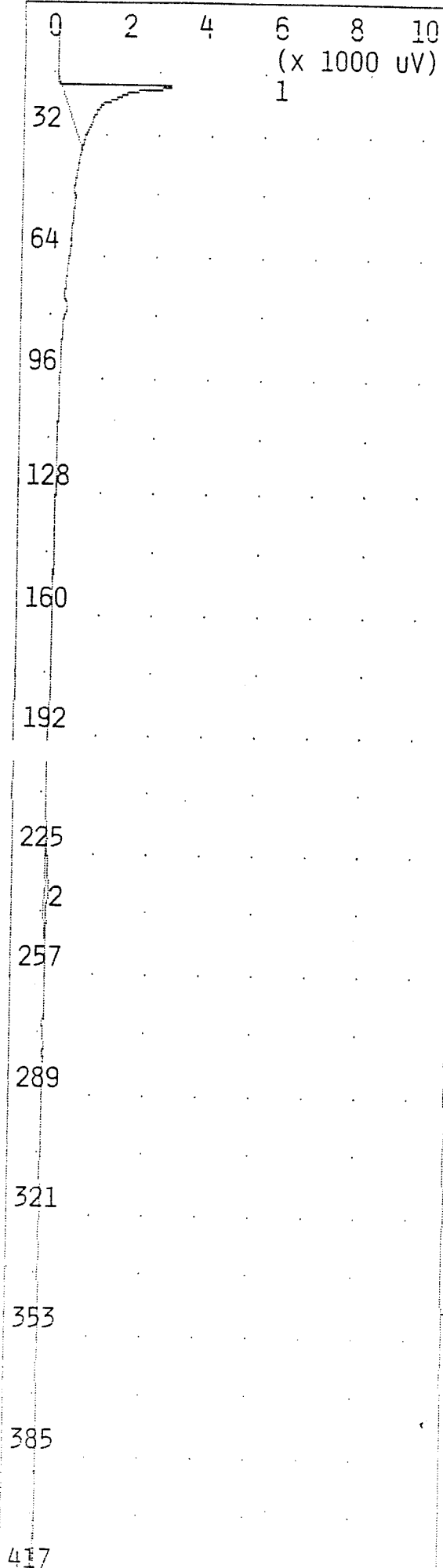
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.571 MVS	16.8
2	UNKNOWN	8.155 MVS	18.5
3	UNKNOWN	23.67 MVS	20.8
4	BENZENE	96.48 PPB	59.7
5	UNKNOWN	0.828 MVS	75.4
6	TOLUENE	92.08 PPB	122.5
7	UNKNOWN	13.55 MVS	227.6
8	ETHYLBENZENE	101.1 PPB	256.0
9	MP-XYLENE	203.2 PPB	275.7
10	O-XYLENE	104.1 PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
100 PPB BTEX



TIME PRINTED: NOV 10,94 15:15

SAMPLE TIME: NOV 10,94 15:07

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

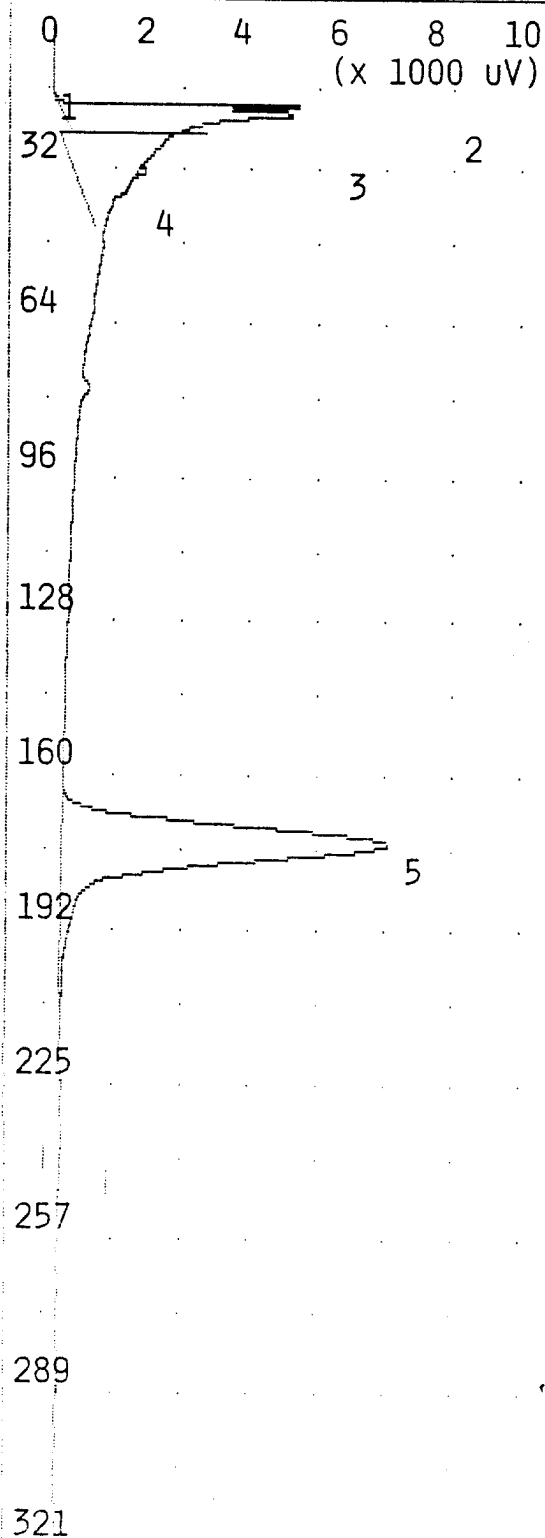
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.11 MVS	17.0
2	UNKNOWN	0.976 MVS	228.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
AIR BLANK

ANALYSIS #34 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 15:25
SAMPLE TIME: Nov 10,94 15:17

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.032 MVS	15.8
2	UNKNOWN	5.874 MVS	16.9
3	UNKNOWN	36.81 MVS	18.4
4	UNKNOWN	0.235 MVS	30.7
5	UNKNOWN	62.21 MVS	172.8

353

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
MSS-001H 4.5- 6.0

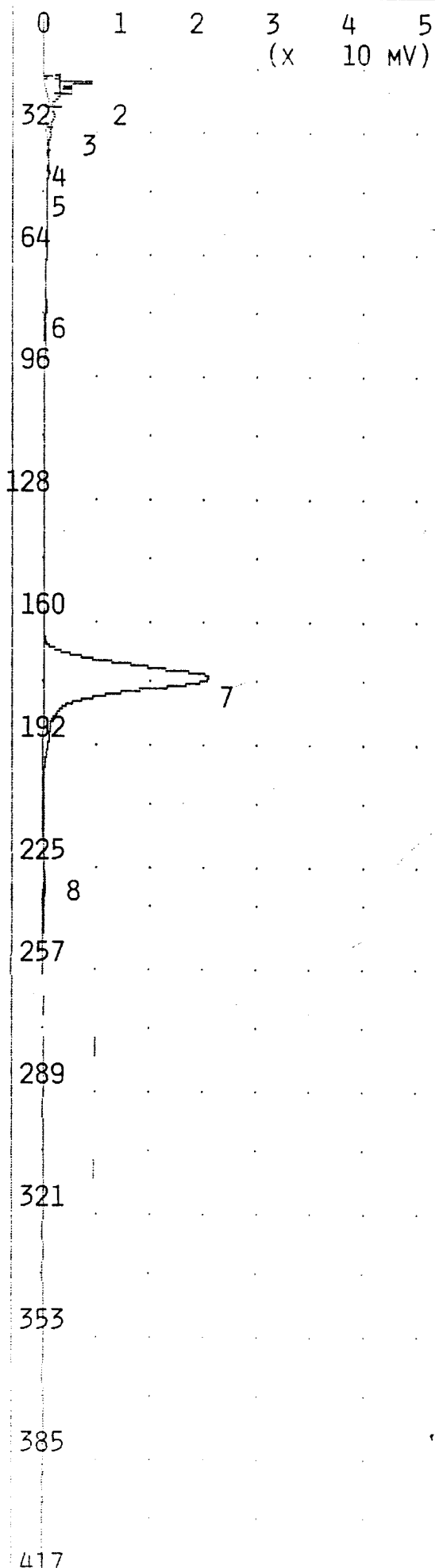
385

417

450

ANALYSIS #35

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 15:36

SAMPLE TIME: NOV 10,94 15:28

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

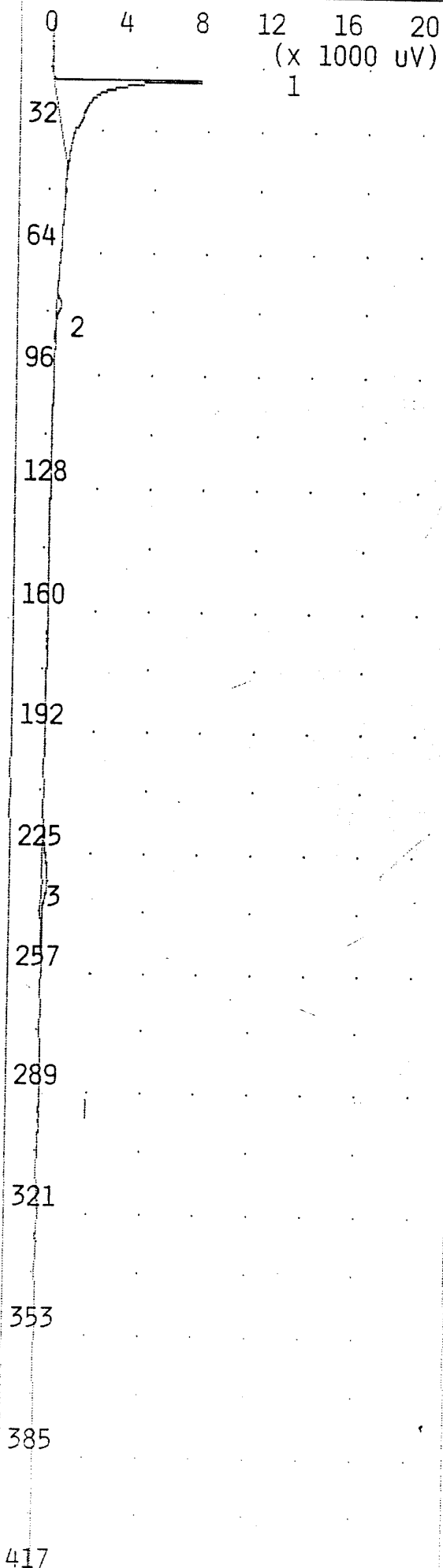
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.876 MVS	15.8
2	UNKNOWN	9.290 MVS	16.8
3	UNKNOWN	10.33 MVS	19.3
4	UNKNOWN	4.423 MVS	25.6
5	UNKNOWN	1.348 MVS	30.8
6	UNKNOWN	0.823 MVS	75.8
7	UNKNOWN	188.6 MVS	173.0
8	UNKNOWN	2.165 MVS	229.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
MSS-001H 8.5-10.0



TIME PRINTED: NOV 10,94 15:46

SAMPLE TIME: NOV 10,94 15:38

METHOD

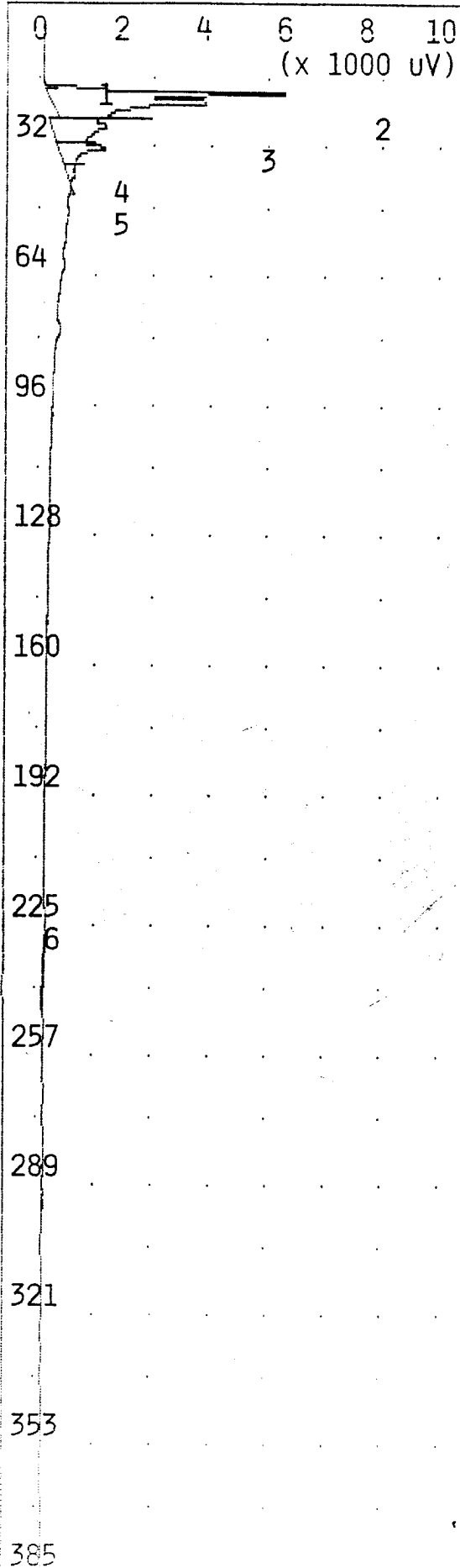
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	34.66 MVS	16.9
2	UNKNOWN	0.919 MVS	75.4
3	UNKNOWN	3.879 MVS	227.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
MSS-002H 1.0- 2.5



TIME PRINTED: NOV 10,94 15:57

SAMPLE TIME: NOV 10,94 15:49

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

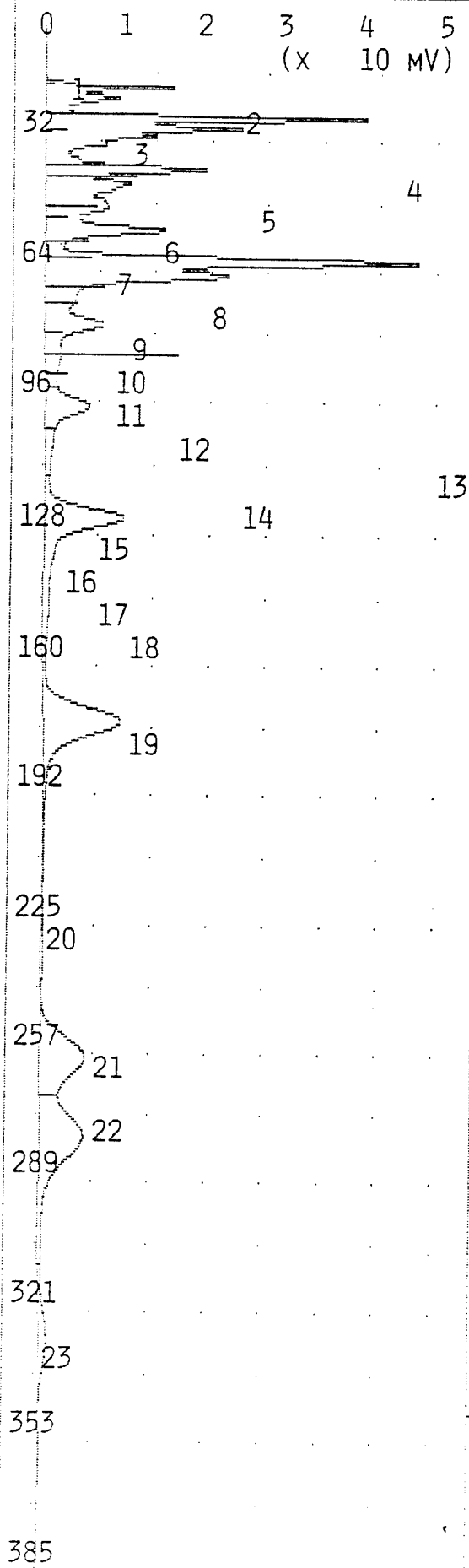
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.580 MVS	15.8
2	UNKNOWN	9.333 MVS	17.0
3	UNKNOWN	12.01 MVS	19.3
4	UNKNOWN	4.756 MVS	25.4
5	UNKNOWN	2.499 MVS	30.8
6	UNKNOWN	0.477 MVS	226.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
MSS-002H 4.5- 6.0

ANALYSIS #38

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 16:07

SAMPLE TIME: NOV 10,94 15:59

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT	0.000	MV
------------	-------	----

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN	1000
----------	------

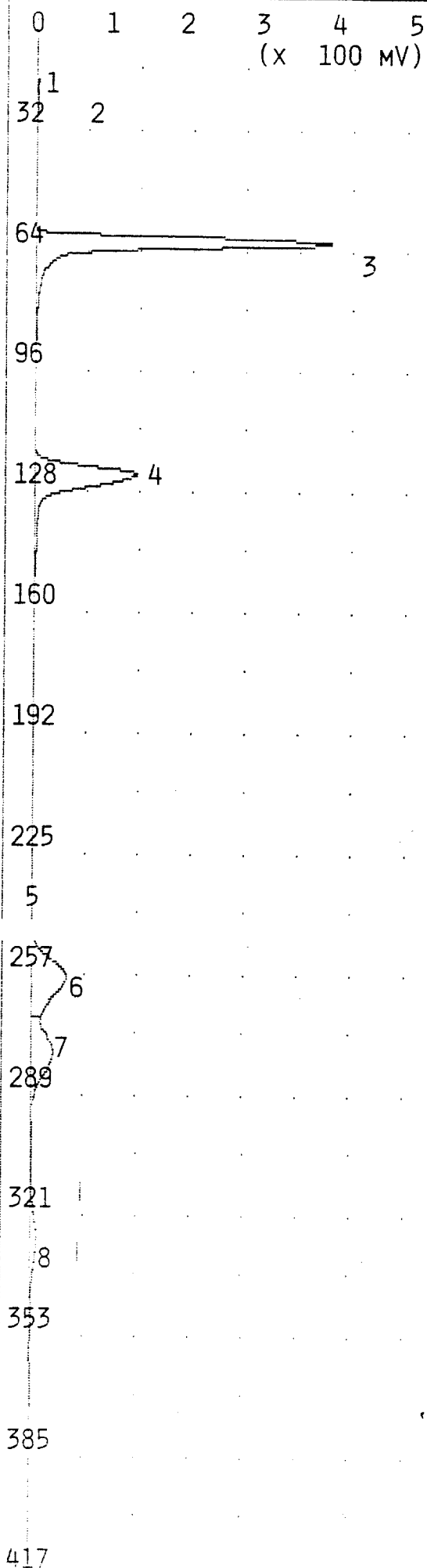
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.789 MVS	15.8
2	UNKNOWN	19.18 MVS	16.8
3	UNKNOWN	23.32 MVS	19.4
4	UNKNOWN	67.82 MVS	24.4
5	UNKNOWN	45.75 MVS	27.0
6	UNKNOWN	21.73 MVS	29.0
7	UNKNOWN	16.38 MVS	30.8
8	UNKNOWN	53.95 MVS	37.0
9	UNKNOWN	38.76 MVS	40.4
10	UNKNOWN	12.11 MVS	44.8
11	UNKNOWN	24.99 MVS	46.3
12	UNKNOWN	52.42 MVS	52.0
13	BENZENE	102.9 PPB	59.7
14	UNKNOWN	95.67 MVS	63.2
15	UNKNOWN	36.71 MVS	75.6
16	UNKNOWN	16.56 MVS	83.3
17	UNKNOWN	43.23 MVS	95.6
18	TOLUENE	140.4 PPB	122.4
19	UNKNOWN	97.21 MVS	172.4
20	UNKNOWN	3.878 MVS	227.0
21	ETHYLBENZENE	134.9 PPB	256.2
22	MP-XYLENE	337.8 PPB	275.7
23	O-XYLENE	136.3 PPB	326.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 Nov 1994
MSS-002H 8.5-10.0



TIME PRINTED: Nov 10,94 16:25

SAMPLE TIME: Nov 10,94 16:17

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.628 MVS	16.9
2	UNKNOWN	19.65 MVS	18.6
3	BENZENE	862.7 PPB	60.0
4	TOLUENE	1.061 PPM	122.0
5	UNKNOWN	8.177 MVS	228.0
6	ETHYLBENZENE	522.1 PPB	256.0
7	MP-XYLENE	1.028 PPM	275.7
8	O-XYLENE	556.5 PPB	326.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
1 PPM BTEX

0 1 2 3 4 5
(x 100 MV)

TIME PRINTED: NOV 10,94 16:31

SAMPLE TIME: NOV 10,94 16:17

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.628 MVS	16.9
2	UNKNOWN	19.65 MVS	18.6
3	BENZENE	999.9 PPB	60.0
4	TOLUENE	1.000 PPM	122.0
5	UNKNOWN	8.177 MVS	228.0
6	ETHYLBENZENE	999.9 PPB	256.0
7	MP-XYLENE	1.999 PPM	275.7
8	O-XYLENE	999.9 PPB	326.1

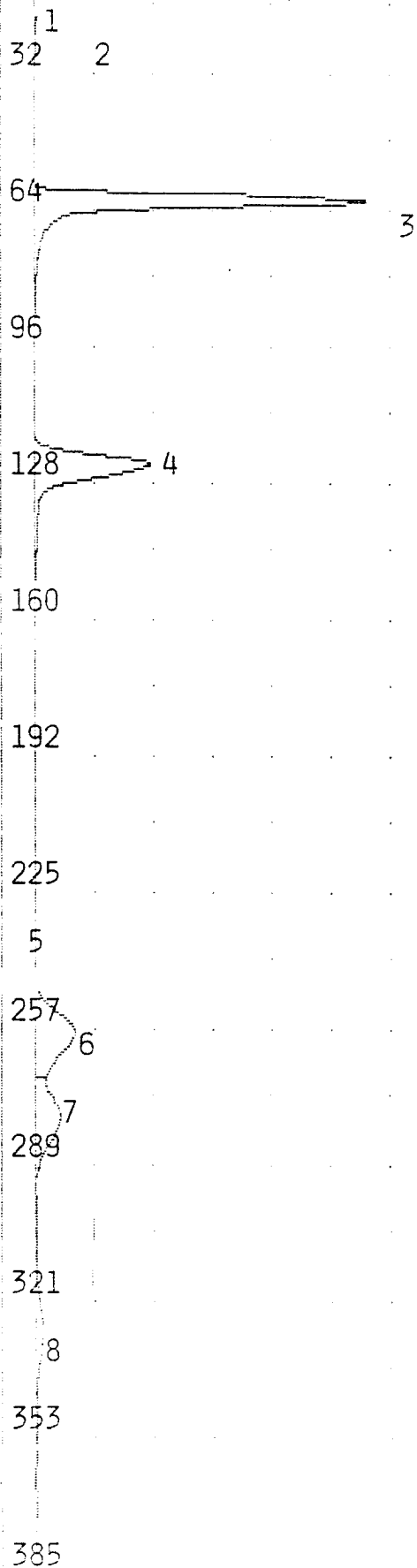
NOTES

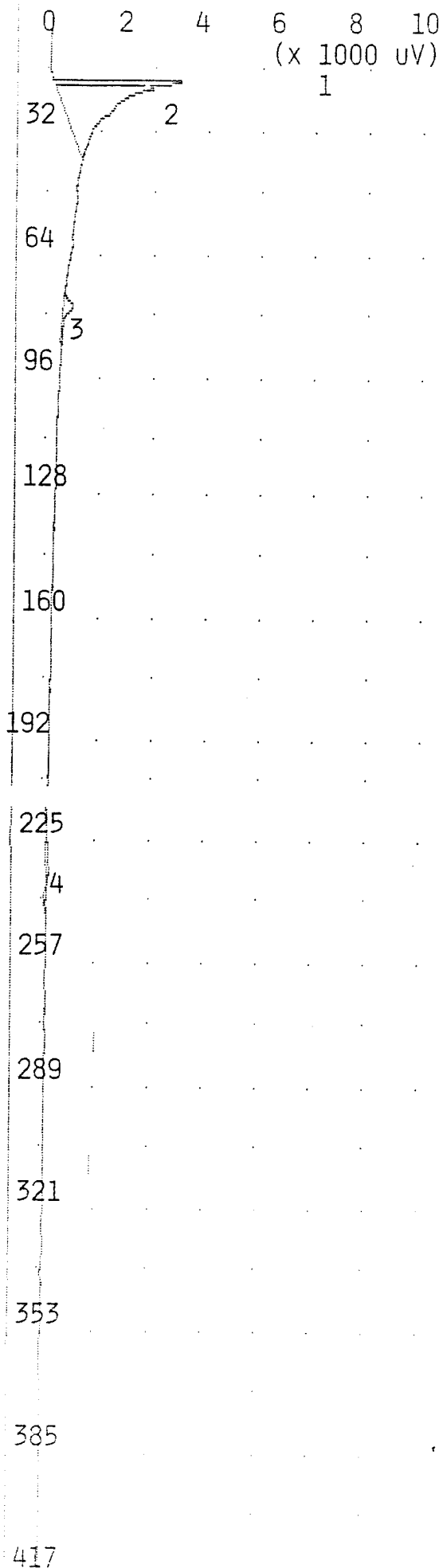
JOE BYRD, JR.

COOS BAY ANG

10 Nov 1994

1 PPM BTEX





TIME PRINTED: NOV 10,94 16:44

SAMPLE TIME: NOV 10,94 16:37

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.927 MVS	17.0
2	UNKNOWN	18.40 MVS	18.6
3	UNKNOWN	0.828 MVS	75.6
4	UNKNOWN	0.741 MVS	227.8

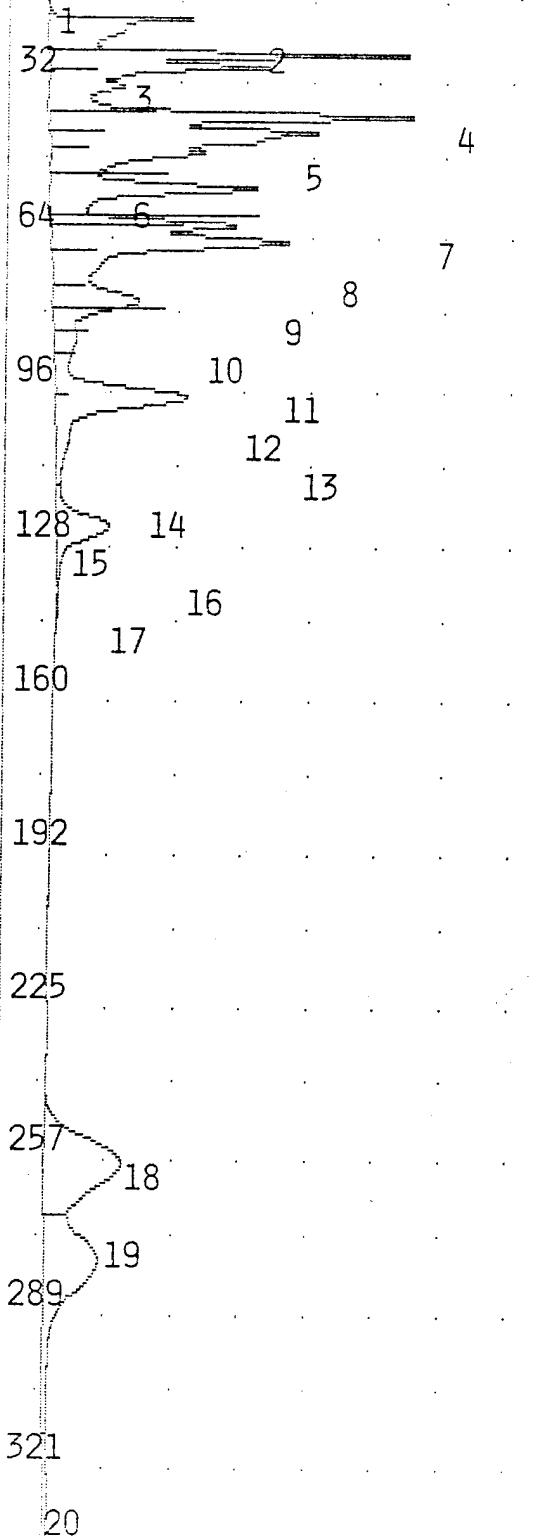
NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 Nov 1994

~~1 PPM BTEX~~ 33
AIR BLANK

ANALYSIS #41 10S+ GC FUNCTION ANALYSIS REPORT

0 4 8 12 16 20
(x 1000 uV)



353

385

417

TIME PRINTED: NOV 10,94 16:55
SAMPLE TIME: NOV 10,94 16:47

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

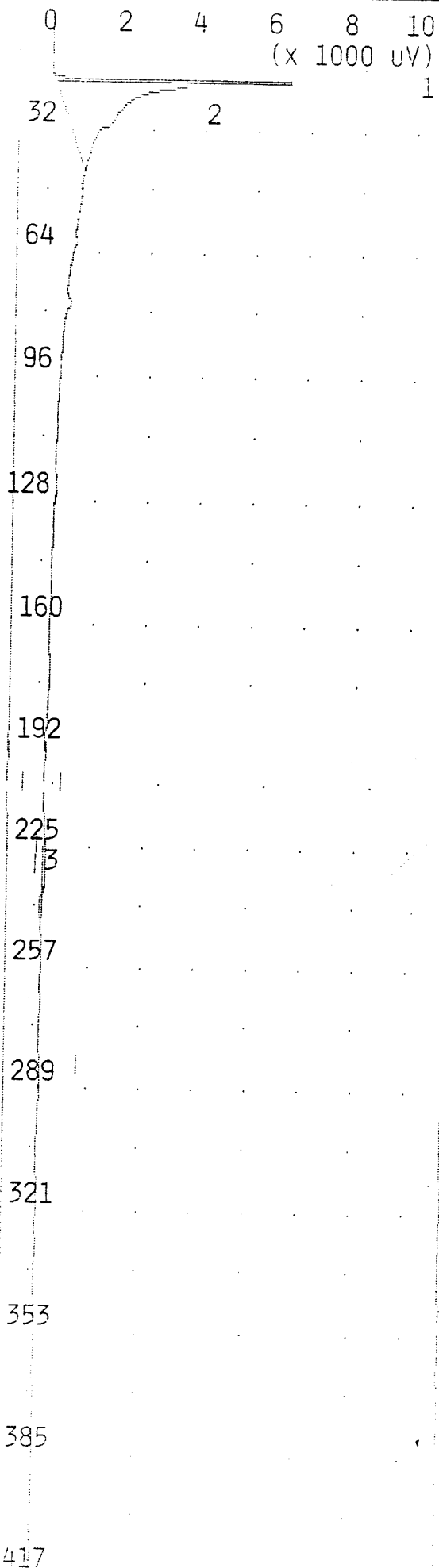
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.091 MVS	15.6
2	UNKNOWN	7.324 MVS	16.8
3	UNKNOWN	11.76 MVS	18.5
4	UNKNOWN	25.05 MVS	24.4
5	UNKNOWN	21.98 MVS	26.9
6	UNKNOWN	8.461 MVS	30.8
7	UNKNOWN	38.39 MVS	37.1
8	UNKNOWN	25.14 MVS	40.4
9	UNKNOWN	15.82 MVS	42.1
10	UNKNOWN	22.31 MVS	44.5
11	UNKNOWN	28.51 MVS	52.0
12	BENZENE	18.39 PPB	59.6
13	UNKNOWN	42.55 MVS	63.1
14	UNKNOWN	21.69 MVS	75.4
15	UNKNOWN	6.642 MVS	83.4
16	UNKNOWN	35.60 MVS	95.6
17	TOLUENE	33.46 PPB	122.2
18	ETHYLBENZENE	127.9 PPB	255.7
19	MP-XYLENE	278.3 PPB	275.7
20	O-XYLENE	54.21 PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 Nov 1994
MSS-002BH 13.5-15.0

ANALYSIS #42 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 17:06

SAMPLE TIME: NOV 10,94 16:59

METHOD

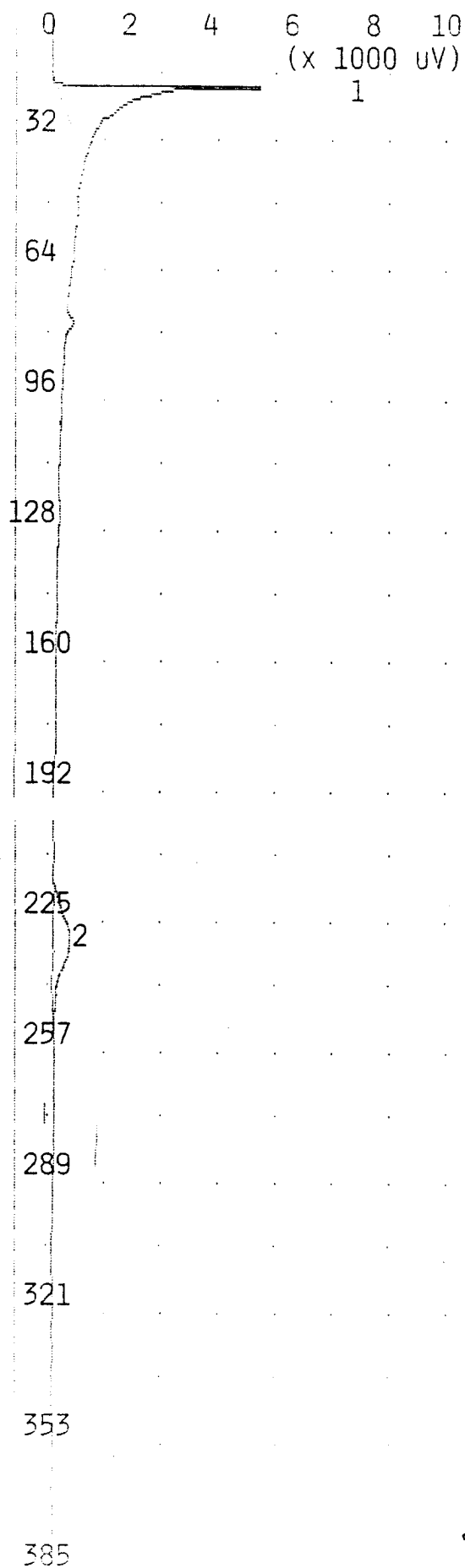
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.026 MVS	16.8
2	UNKNOWN	25.79 MVS	18.4
3	UNKNOWN	0.769 MVS	226.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 10 Nov 1994
 MSS-003BH 1.0- 2.5



TIME PRINTED: Nov 10,94 17:17

SAMPLE TIME: Nov 10,94 17:09

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	22.18 MVS	16.8
2	UNKNOWN	6.408 MVS	226.6

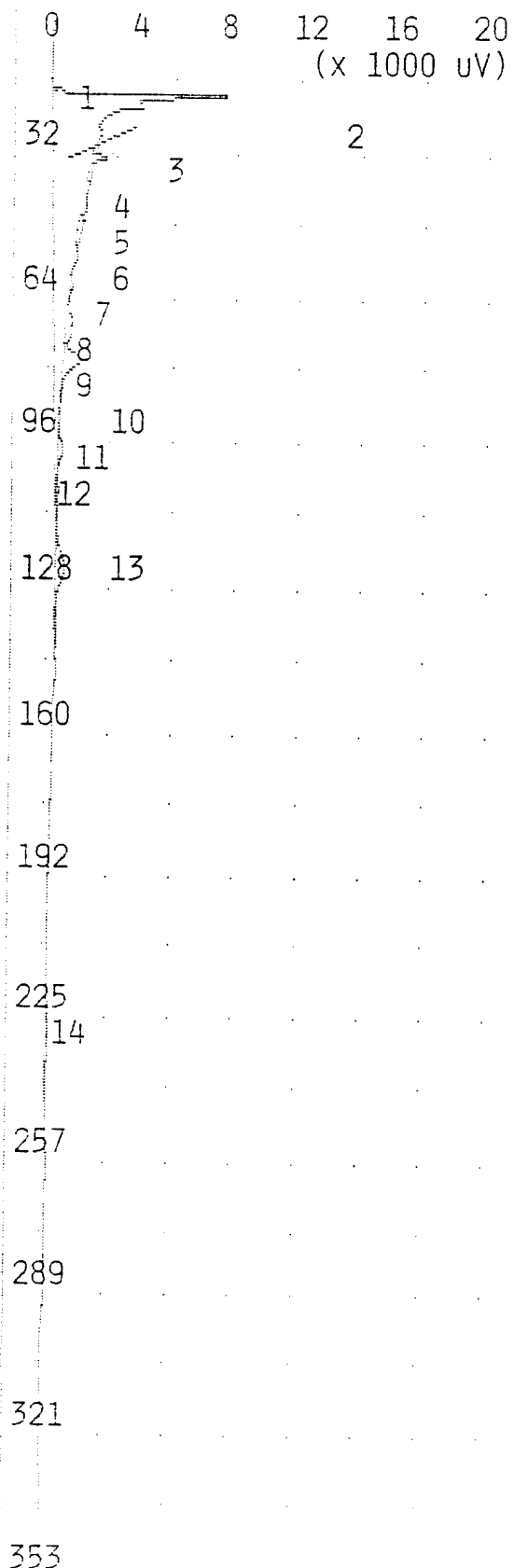
NOTES

JOE BYRD, JR.

COOS BAY ANG3

10 Nov 1994

MSS-003BH 4.5- 5.5



TIME PRINTED: Nov 10,94 17:27

SAMPLE TIME: Nov 10,94 17:19

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.369 MVS	15.9
2	UNKNOWN	95.54 MVS	17.0
3	UNKNOWN	0.775 MVS	19.4
4	UNKNOWN	0.675 MVS	25.5
5	UNKNOWN	0.969 MVS	30.9
6	UNKNOWN	0.249 MVS	37.0
7	UNKNOWN	0.475 MVS	42.2
8	UNKNOWN	0.323 MVS	52.5
9	BENZENE	0.117 PPB	59.1
10	UNKNOWN	1.298 MVS	67.4
11	UNKNOWN	3.067 MVS	76.0
12	UNKNOWN	1.178 MVS	95.8
13	TOLUENE	6.611 PPB	122.5
14	UNKNOWN	0.567 MVS	225.2

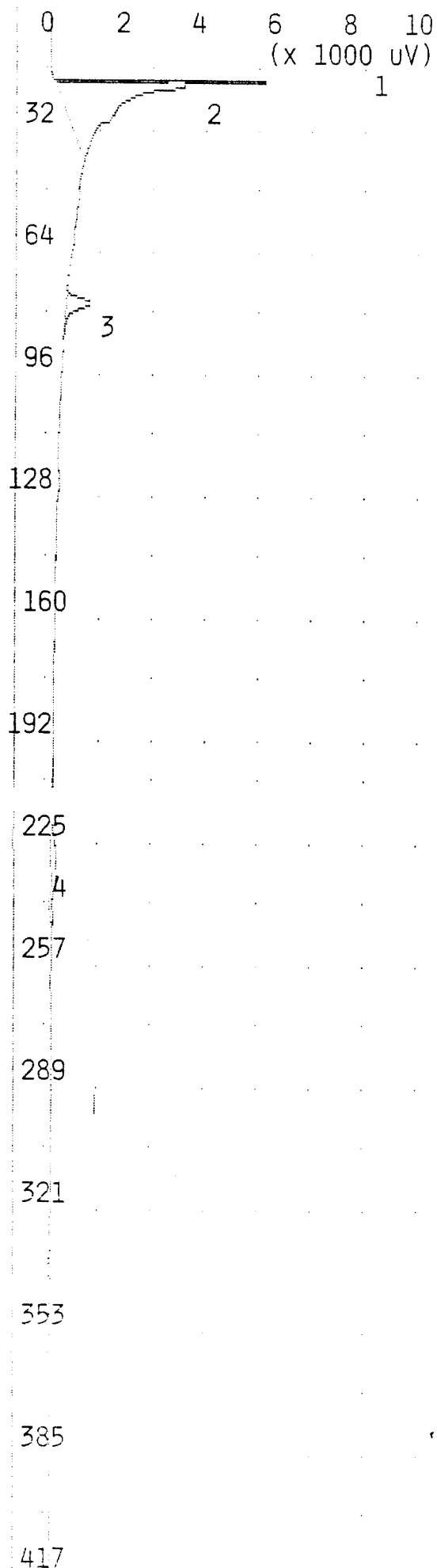
NOTES

JOE BYRD, JR.

COOS BAY ANGCS

10 Nov 1994

MSS-003BH 3.5- 8.5



TIME PRINTED: NOV 10,94 17:38

SAMPLE TIME: NOV 10,94 17:30

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000

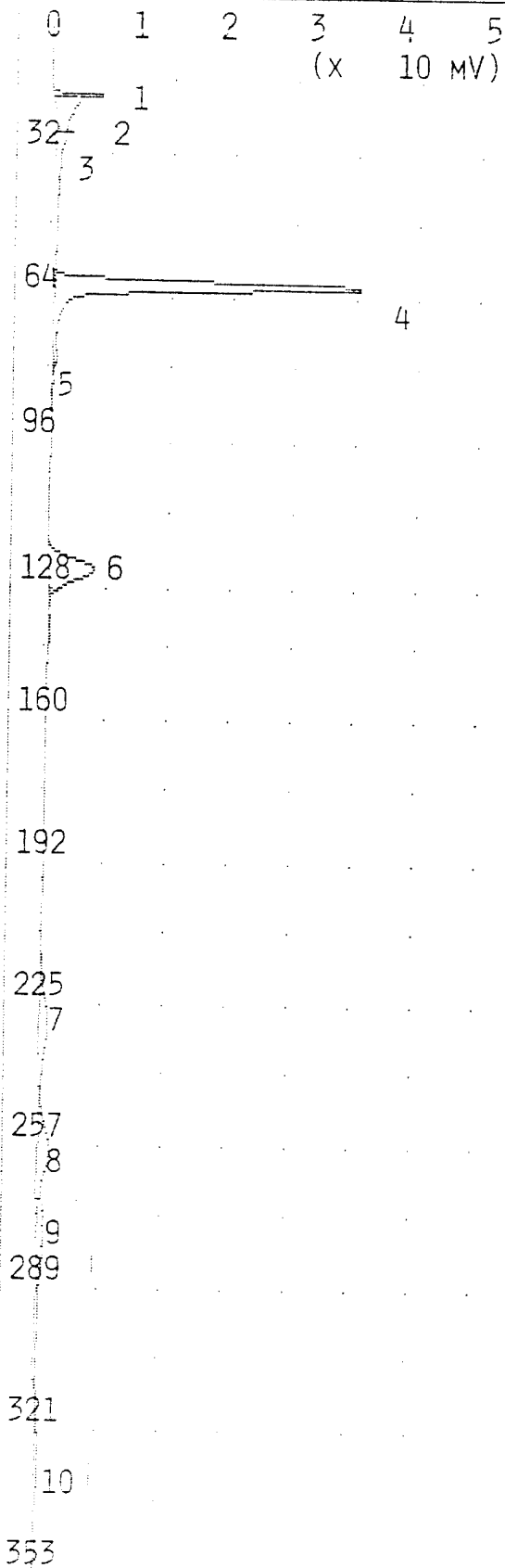
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.335 MVS	16.9
2	UNKNOWN	22.27 MVS	18.4
3	UNKNOWN	2.201 MVS	75.6
4	UNKNOWN	1.978 MVS	228.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 Nov 1994
TS-001BH 1.0- 2.5



TIME PRINTED: Nov 10,94 17:48

SAMPLE TIME: Nov 10,94 17:40

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 12 ML/MIN
 B/F FLOW 12 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 450.0 SEC

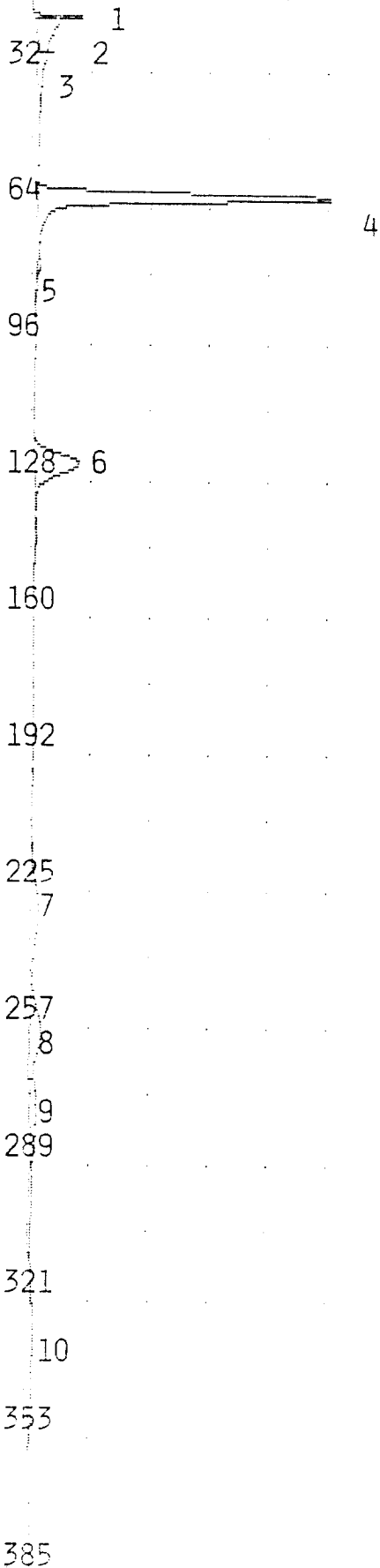
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.366 MVS	16.8
2	UNKNOWN	6.282 MVS	18.4
3	UNKNOWN	15.83 MVS	20.7
4	BENZENE	81.87 PPB	59.6
5	UNKNOWN	0.892 MVS	75.4
6	TOLUENE	68.00 PPB	122.2
7	UNKNOWN	12.40 MVS	227.4
8	ETHYLBENZENE	62.82 PPB	255.7
9	MP-XYLENE	130.5 PPB	275.2
10	O-XYLENE	75.15 PPB	325.6

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 10 Nov 1994
 100 PPB BTEX

0 1 2 3 4 5
(X 10 MV)



TIME PRINTED: NOV 10, 94 17:53

SAMPLE TIME: NOV 10, 94 17:40

METHOD

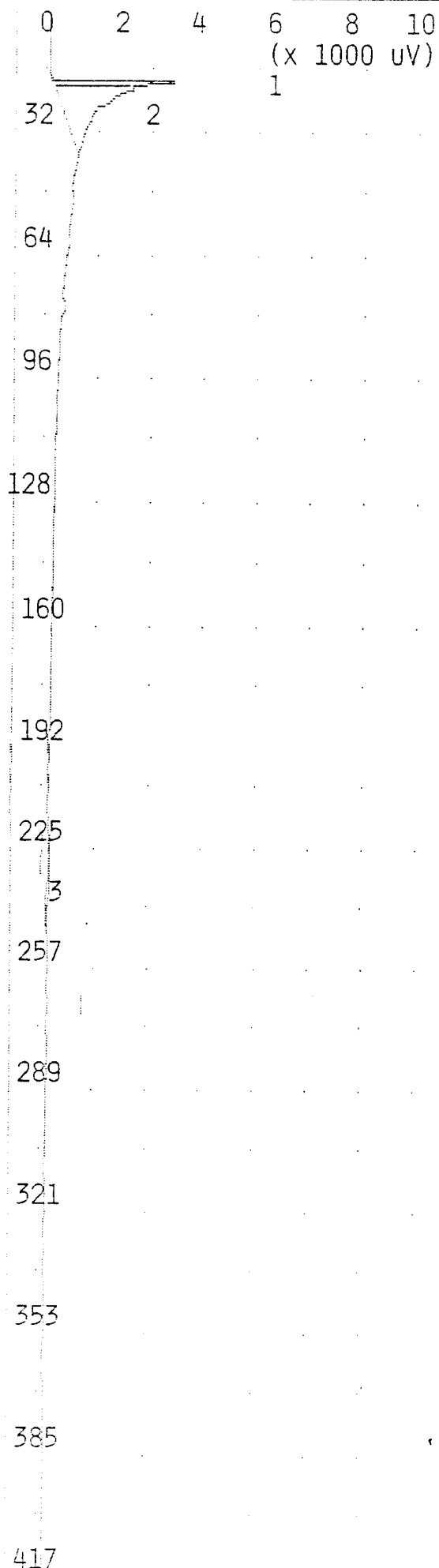
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.366 MVS	16.8
2	UNKNOWN	6.282 MVS	18.4
3	UNKNOWN	15.83 MVS	20.7
4	BENZENE	100.0 PPB	59.6
5	UNKNOWN	0.892 MVS	75.4
6	TOLUENE	100.0 PPB	122.2
7	UNKNOWN	12.40 MVS	227.4
8	ETHYLBENZENE	100.0 PPB	255.7
9	MP-XYLENE	199.9 PPB	275.2
10	O-XYLENE	100.0 PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
100 PPB BTEX



TIME PRINTED: NOV 10,94 18:03

SAMPLE TIME: NOV 10,94 17:56

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

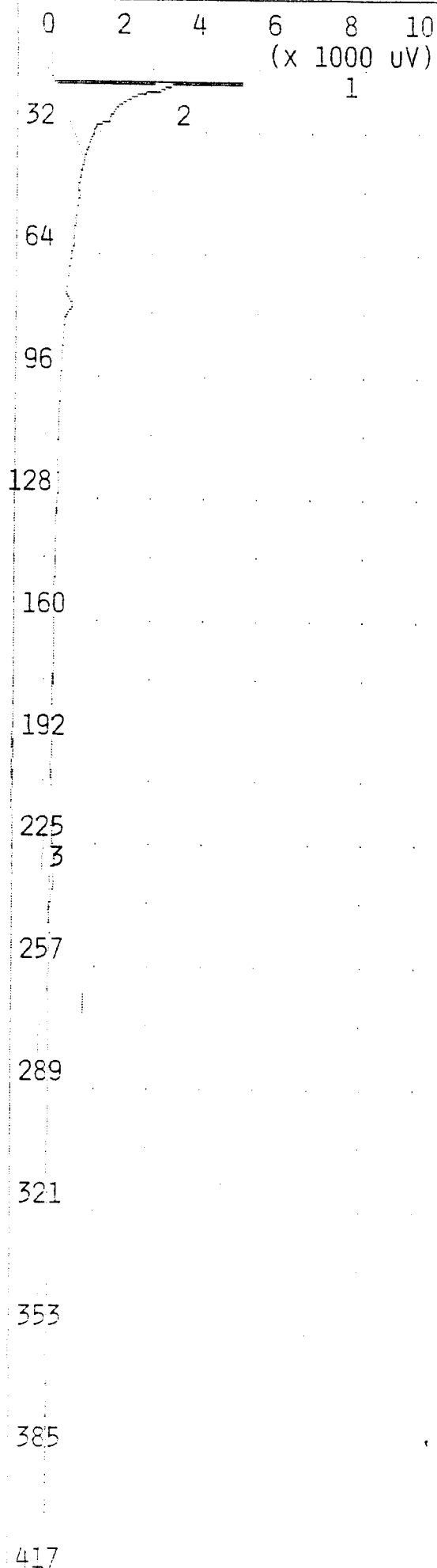
ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.555 MVS	16.9
2	UNKNOWN	14.25 MVS	18.7
3	UNKNOWN	0.531 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 NOV 1994
AIR BLANK



TIME PRINTED: NOV 10,94 18:13

SAMPLE TIME: NOV 10,94 18:06

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 12 ML/MIN
B/F FLOW 12 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.851 MVS	16.9
2	UNKNOWN	20.13 MVS	18.5
3	UNKNOWN	1.334 MVS	227.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
TS-001BH 4.5- 6.0

0 4 8 12 16 20
(x 1000 uV)

TIME PRINTED: Nov 10,94 18:24

SAMPLE TIME: Nov 10,94 18:16

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.495 MVS	15.6
2	UNKNOWN	10.23 MVS	16.7
3	UNKNOWN	29.74 MVS	18.4
4	UNKNOWN	0.239 MVS	25.3
5	UNKNOWN	14.52 MVS	30.7
6	UNKNOWN	1.914 MVS	75.8
7	UNKNOWN	1.134 MVS	229.2

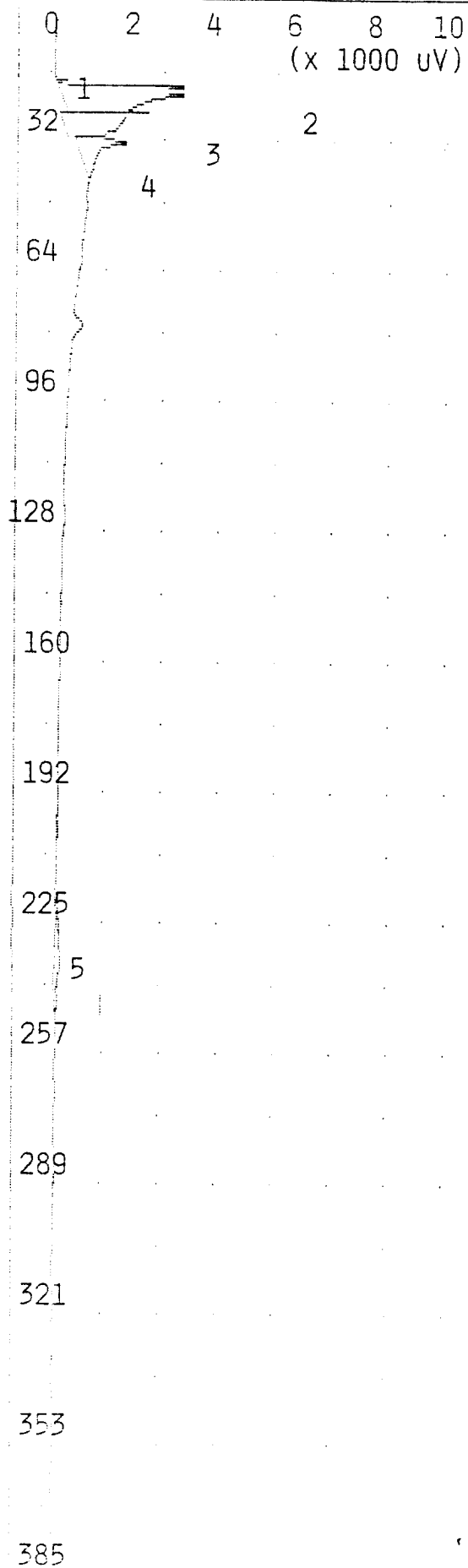
NOTES

JOE BYRD, JR.

COOS BAY ANGCS

10 Nov 1994

TS-001BH 13.5-15.0



TIME PRINTED: NOV 10,94 18:34

SAMPLE TIME: NOV 10,94 18:27

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 12 ML/MIN

B/F FLOW 12 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 450.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.218 MVS	15.8
2	UNKNOWN	4.385 MVS	17.0
3	UNKNOWN	19.08 MVS	18.6
4	UNKNOWN	4.730 MVS	30.8
5	UNKNOWN	1.517 MVS	229.6

NOTES

JOE BYRD, JR.

COOS BAY ANGCS

10 Nov 1994

TS-001BH 8.5-10.0

0 1 2 3 4 5
(x 10 MV)

TIME PRINTED: NOV 11,94 07:58

SAMPLE TIME: NOV 11,94 07:51

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 24 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.060 MVS	15.8
2	UNKNOWN	7.730 MVS	17.6
3	UNKNOWN	0.063 MVS	23.0
4	UNKNOWN	121.3 MVS	55.7
5	UNKNOWN	0.394 MVS	70.2
6	UNKNOWN	69.26 MVS	114.0
7	UNKNOWN	1.249 MVS	212.2
8	UNKNOWN	55.80 MVS	237.8
9	UNKNOWN	47.36 MVS	256.0
10	UNKNOWN	14.32 MVS	303.2

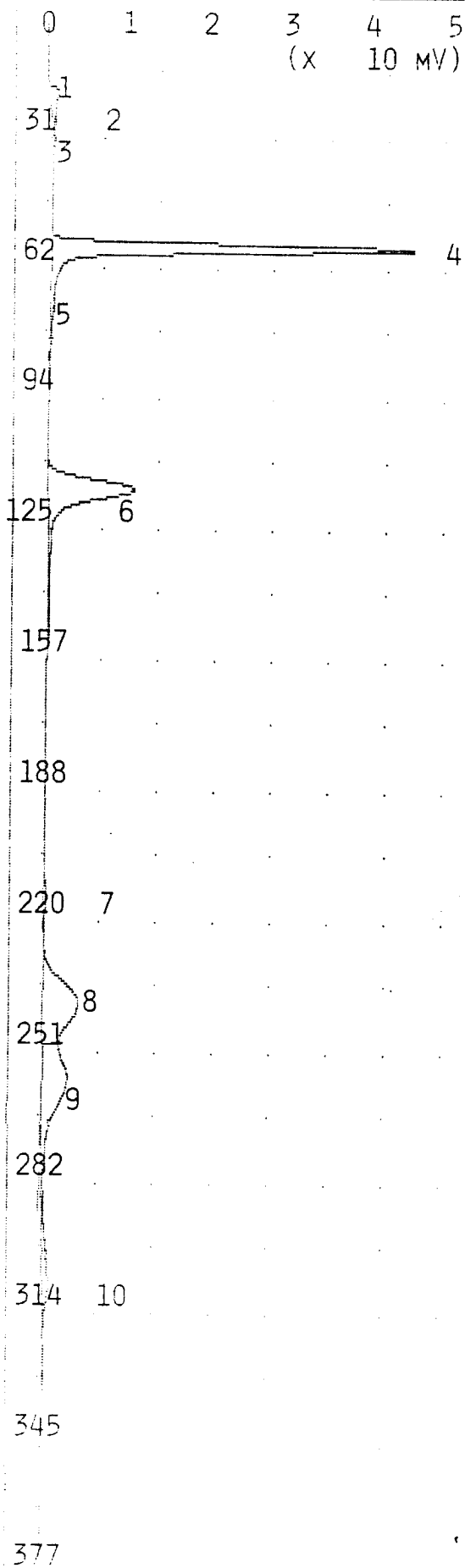
NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

345

377

408



TIME PRINTED: NOV 11,94 08:07

SAMPLE TIME: NOV 11,94 07:51

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 25 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

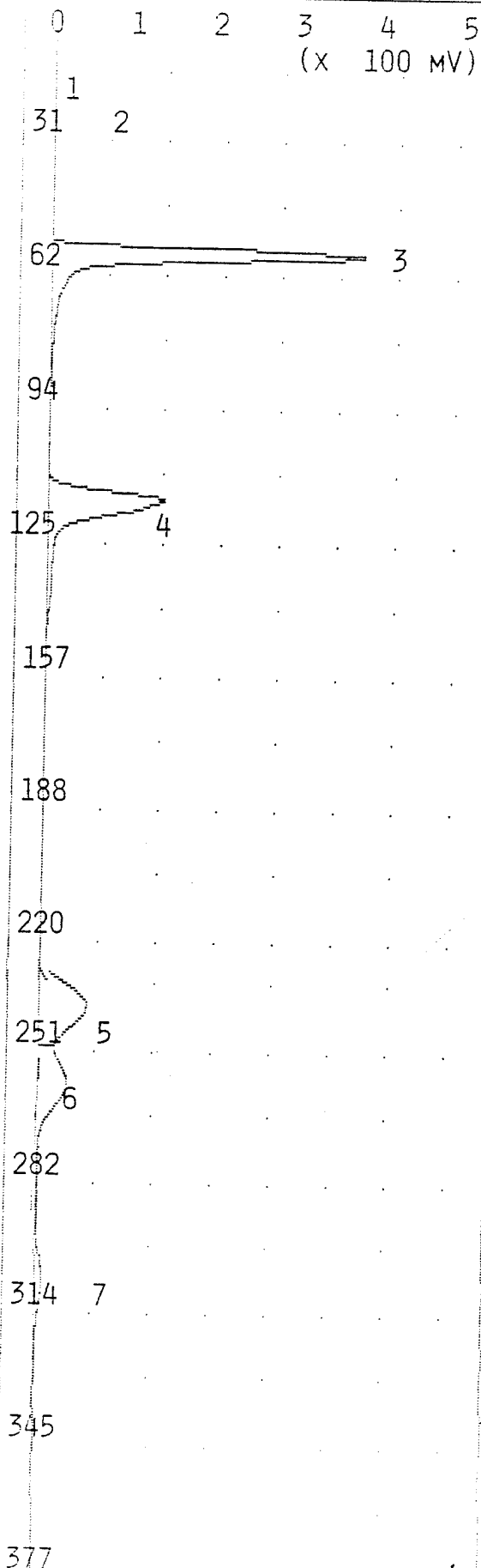
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.060 MVS	15.8
2	UNKNOWN	7.730 MVS	17.6
3	UNKNOWN	0.063 MVS	23.0
4	BENZENE	100.0 PPB	55.7
5	UNKNOWN	0.394 MVS	70.2
6	TOLUENE	100.0 PPB	114.0
7	UNKNOWN	1.249 MVS	212.2
8	ETHYLBENZENE	100.0 PPB	237.8
9	MP-XYLENE	200.0 PPB	256.0
10	O-XYLENE	100.0 PPB	303.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 08:17
SAMPLE TIME: NOV 11,94 08:10

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 25 C
MAX GAIN 1000

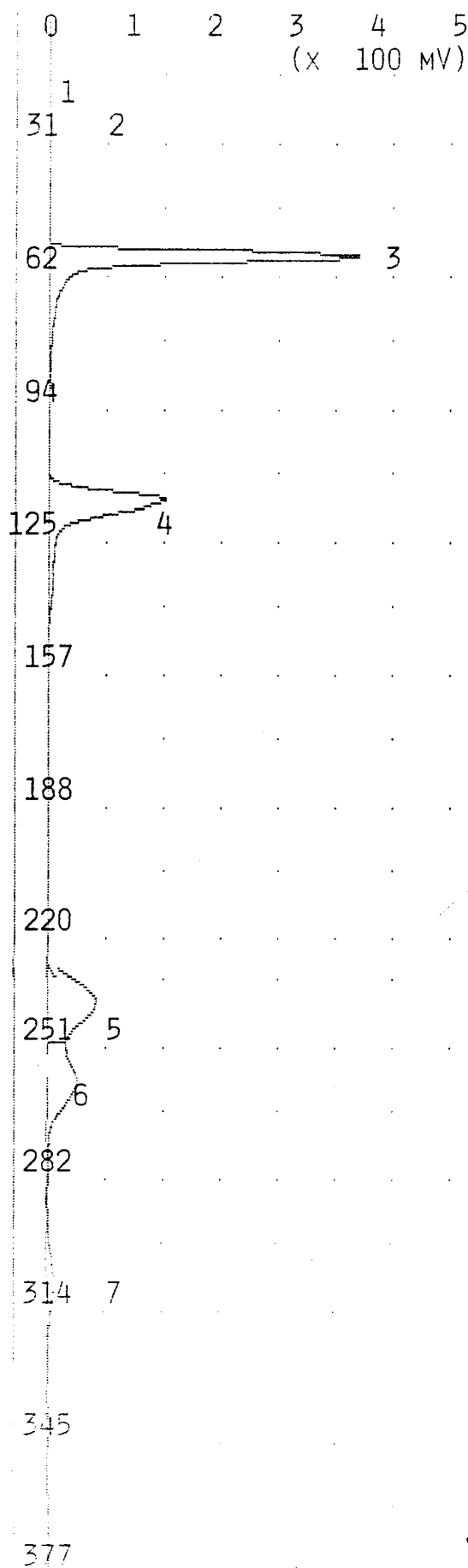
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.039 MVS	15.7
2	UNKNOWN	2.908 MVS	17.9
3	BENZENE	1.222 PPM	56.1
4	TOLUENE	1.448 PPM	113.4
5	ETHYLBENZENE	1.360 PPM	238.4
6	MP-XYLENE	2.179 PPM	256.8
7	O-XYLENE	1.378 PPM	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANGUS
1 PPM BTEX



TIME PRINTED: NOV 11,94 08:29

SAMPLE TIME: NOV 11,94 08:10

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 26 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

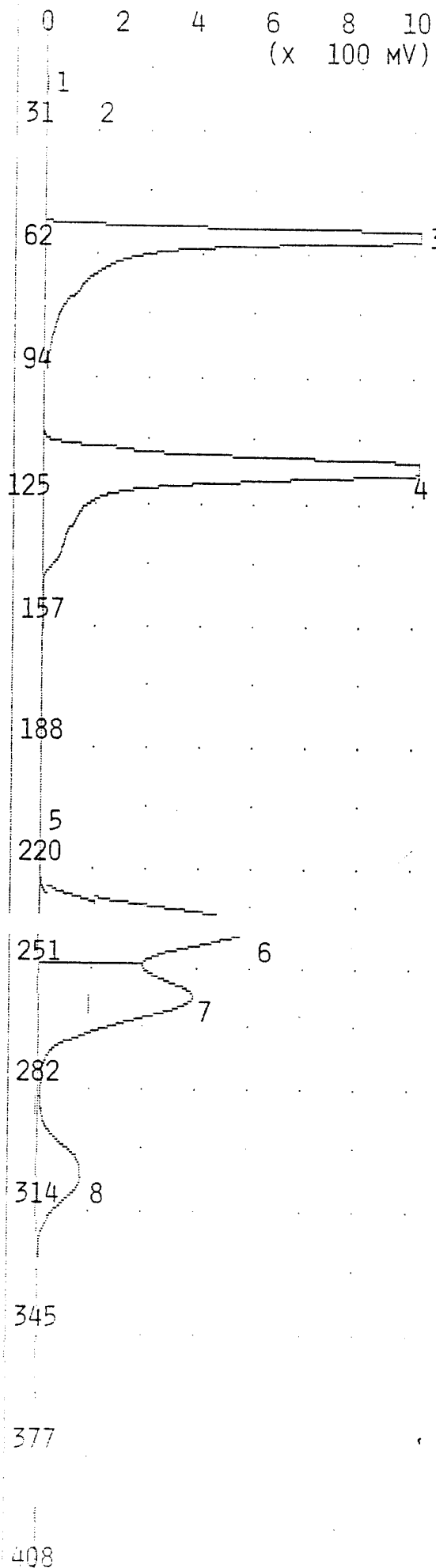
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.039 MVS	15.7
2	UNKNOWN	2.908 MVS	17.9
3	BENZENE	1.000 PPM	56.1
4	TOLUENE	1.000 PPM	113.4
5	ETHYLBENZENE	1.000 PPM	238.4
6	MP-XYLENE	2.000 PPM	256.8
7	O-XYLENE	1.000 PPM	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX

ANALYSIS #3

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 08:39

SAMPLE TIME: NOV 11,94 08:32

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.314 MVS	15.9
2	UNKNOWN	32.64 MVS	17.3
3	BENZENE	6.866 PPM	56.3
4	TOLUENE	9.851 PPM	114.6
5	UNKNOWN	3.264 MVS	205.6
6	ETHYLBENZENE	10.29 PPM	238.4
7	MP-XYLENE	24.11 PPM	256.5
8	O-XYLENE	10.81 PPM	301.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
B 10 PPM BTEX

0 2 4 6 8 10
(x 100 MV)

TIME PRINTED: NOV 11,94 08:45

SAMPLE TIME: NOV 11,94 08:32

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.314 MVS	15.9
2	UNKNOWN	32.64 MVS	17.3
3	BENZENE	10.00 PPM	56.3
4	TOLUENE	10.00 PPM	114.6
5	UNKNOWN	3.264 MVS	205.6
6	ETHYLBENZENE	10.00 PPM	238.4
7	MP-XYLENE	20.00 PPM	256.5
8	O-XYLENE	10.01 PPM	301.8

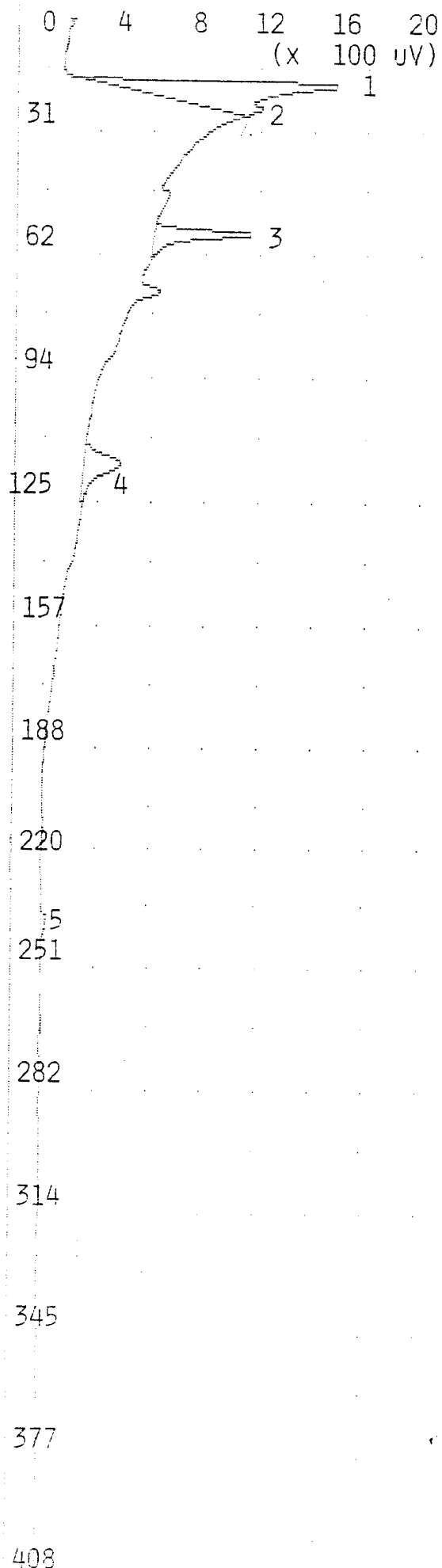
NOTES

JOE BYRD, JR.
COOS BAY ANG
10 PPM BTEX

377

408

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 08:55

SAMPLE TIME: NOV 11,94 08:48

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.332 MVS	17.4
2	UNKNOWN	0.072 MVS	23.4
3	BENZENE	1.217 PPB	55.6
4	TOLUENE	1.693 PPB	114.0
5	ETHYLBENZENE	1.163 PPB	236.2

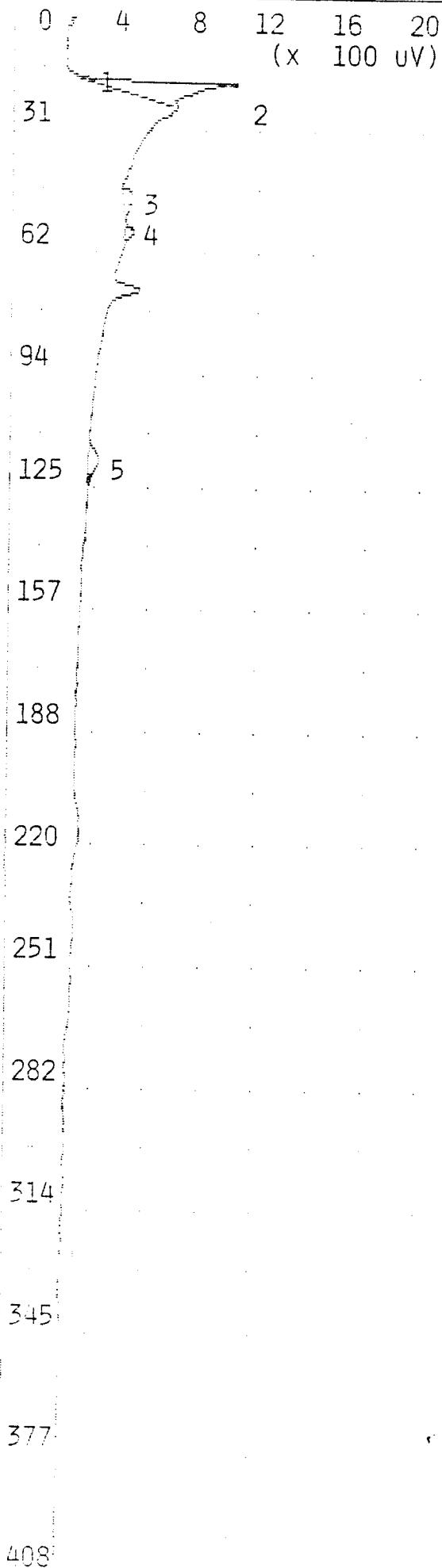
NOTES

JOE BYRD, JR.

COOS BAY ANGUS

~~10 PPM BTEX SB~~

AIR BLANK



TIME PRINTED: NOV 11,94 09:36

SAMPLE TIME: NOV 11,94 09:28

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

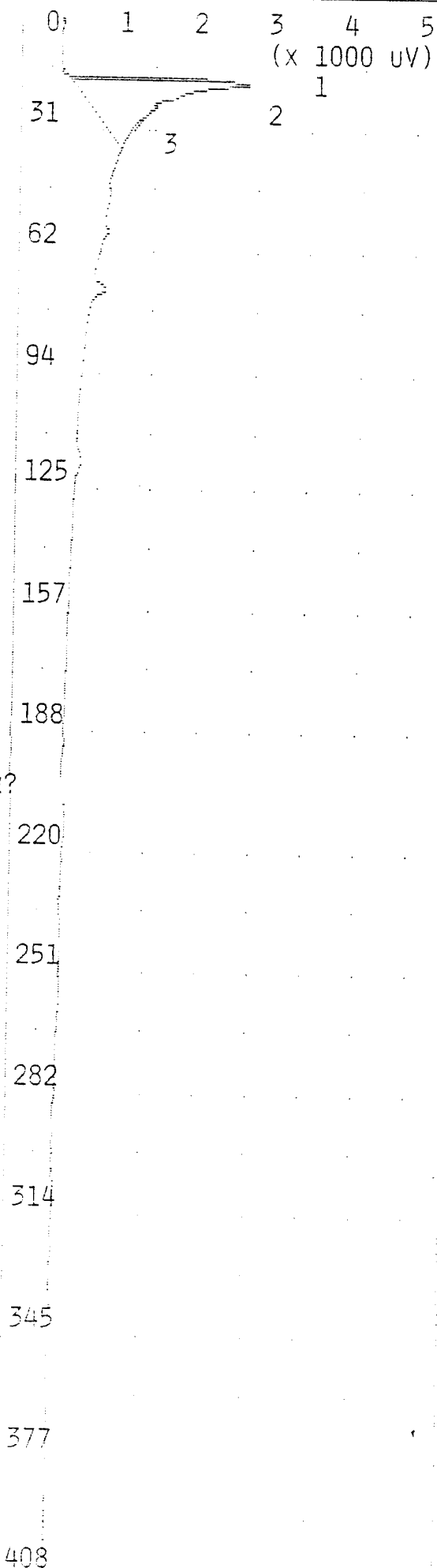
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.045 MVS	15.8
2	UNKNOWN	2.243 MVS	17.2
3	UNKNOWN	0.312 MVS	48.2
4	BENZENE	0.085 PPB	56.0
5	TOLUENE	0.449 PPB	113.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-001BH 1.0- 2.5

ANALYSIS #6

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 09:46

SAMPLE TIME: NOV 11,94 09:38

METHOD

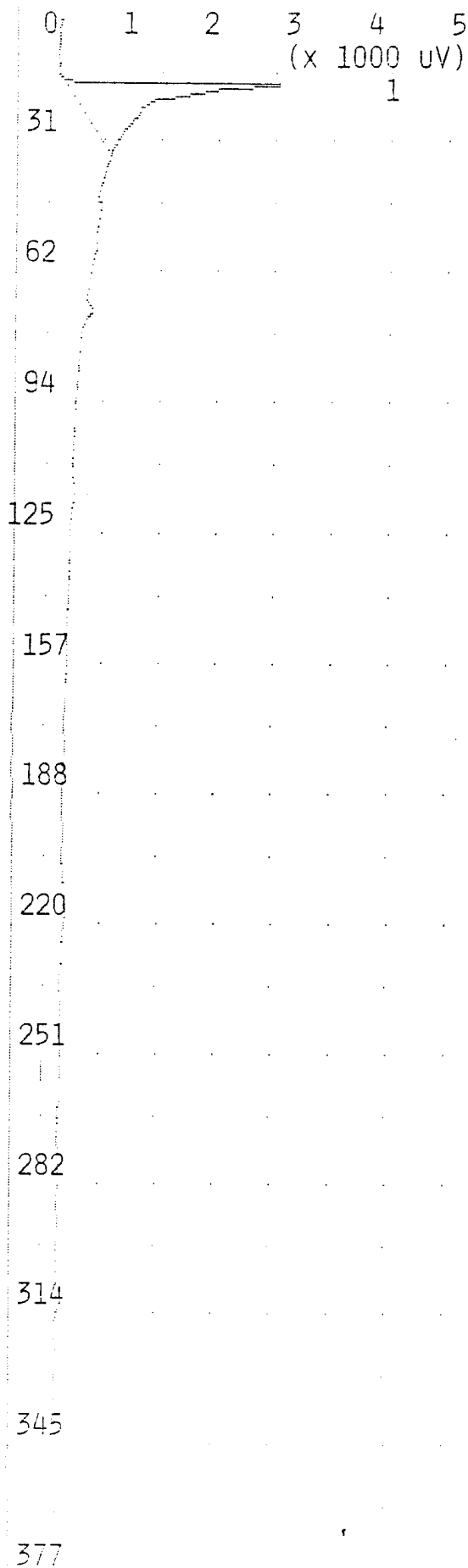
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.305 MVS	16.0
2	UNKNOWN	14.13 MVS	17.3
3	UNKNOWN	0.046 MVS	23.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-001BH 4.5- 6.0



TIME PRINTED: NOV 11,94 10:26

SAMPLE TIME: NOV 11,94 10:10

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

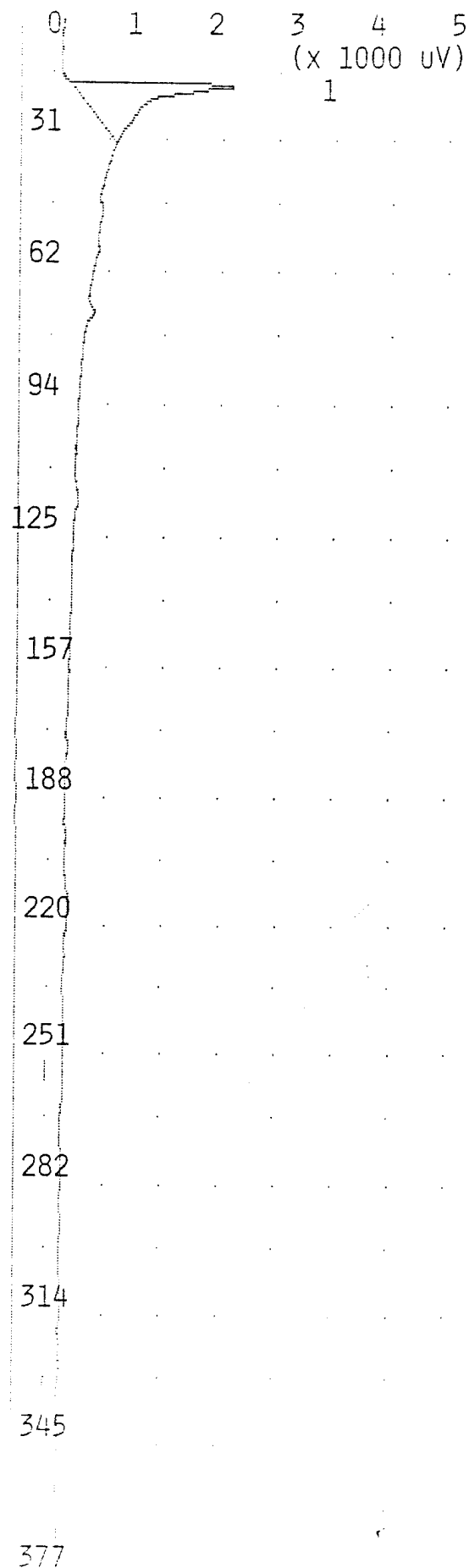
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.63 MVS	15.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-001BH 8.5-10.0

ANALYSIS #8

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 10:37

SAMPLE TIME: NOV 11,94 10:29

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

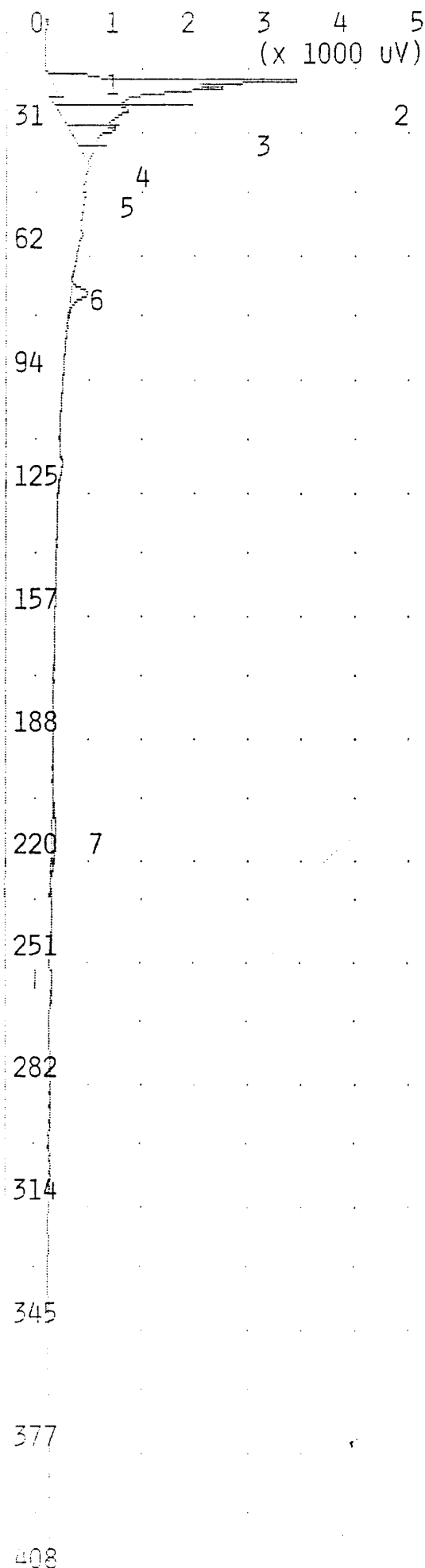
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.39 MVS	16.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-001BH 13.5-15.0



TIME PRINTED: Nov 11,94 10:47

SAMPLE TIME: Nov 11,94 10:40

METHOD

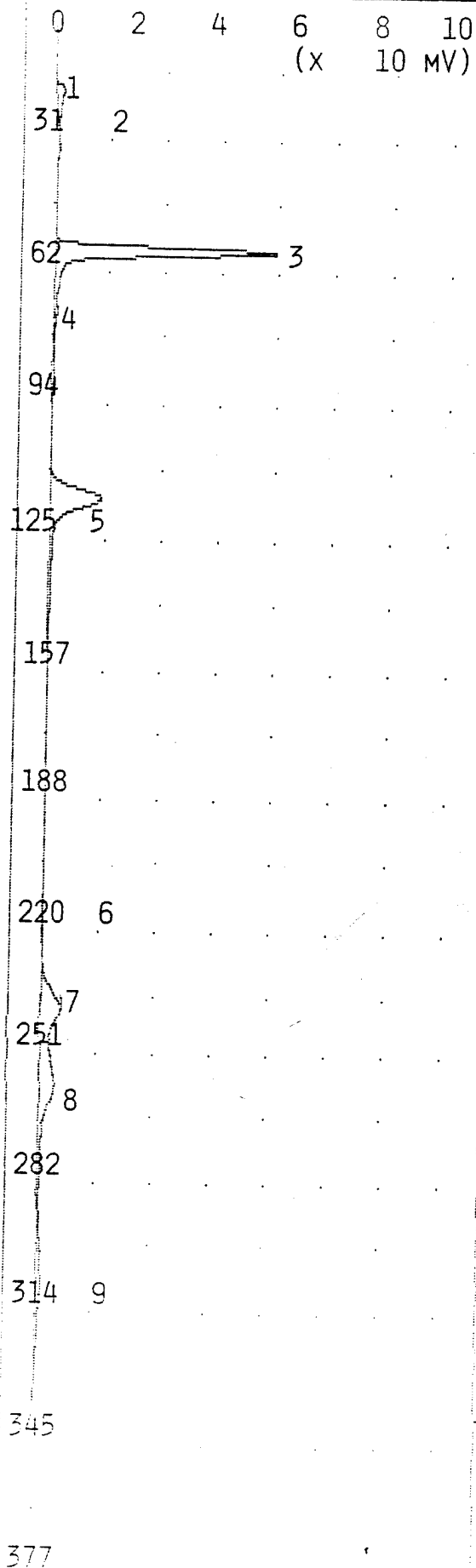
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.392 MVS	14.8
2	UNKNOWN	5.291 MVS	16.0
3	UNKNOWN	6.393 MVS	18.0
4	UNKNOWN	3.247 MVS	23.6
5	UNKNOWN	1.276 MVS	28.6
6	UNKNOWN	0.717 MVS	70.4
7	UNKNOWN	0.678 MVS	210.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-001BH 18.5-20.0



TIME PRINTED: NOV 11,94 10:57

SAMPLE TIME: NOV 11,94 10:50

METHOD

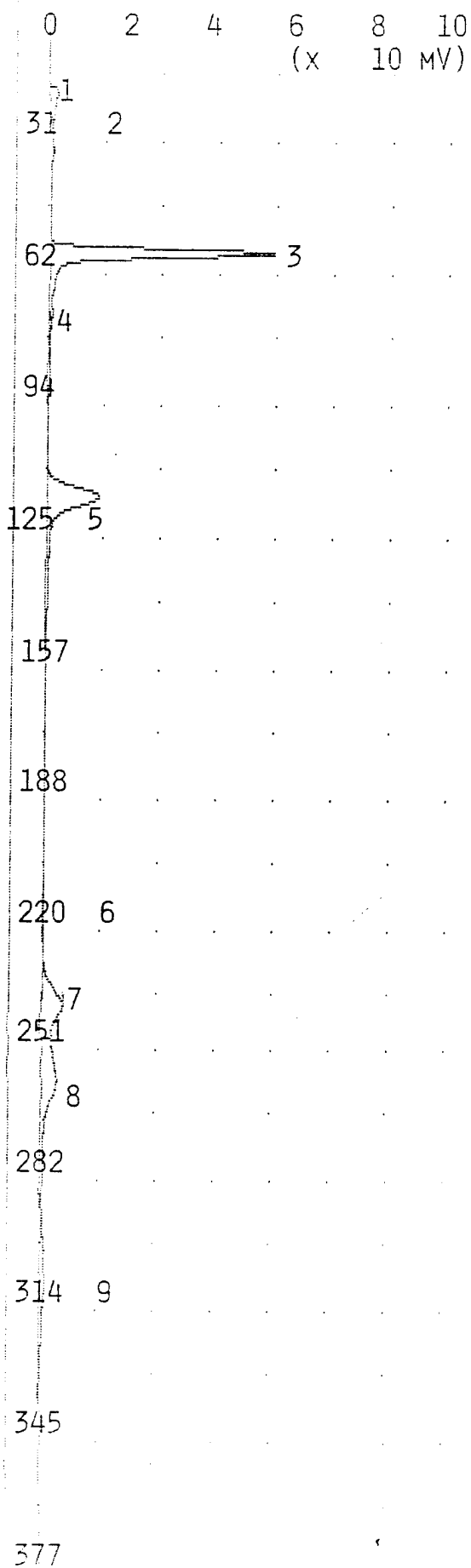
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.305 MVS	16.4
2	UNKNOWN	13.40 MVS	17.4
3	BENZENE	118.7 PPB	55.8
4	UNKNOWN	0.938 MVS	70.2
5	TOLUENE	110.8 PPB	114.0
6	UNKNOWN	1.649 MVS	211.2
7	ETHYLBENZENE	111.5 PPB	237.4
8	MP-XYLENE	232.5 PPB	256.0
9	O-XYLENE	121.2 PPB	302.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 11,94 11:02

SAMPLE TIME: NOV 11,94 10:50

METHOD

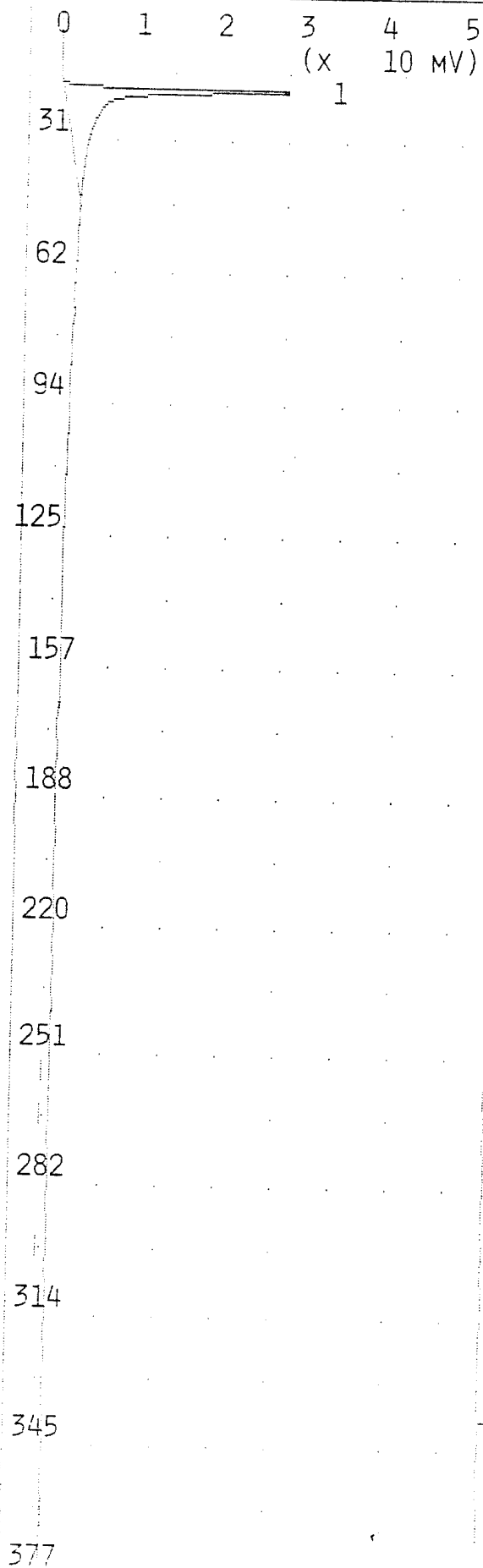
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.305 MVS	16.4
2	UNKNOWN	13.40 MVS	17.4
3	BENZENE	99.99 PPB	55.8
4	UNKNOWN	0.938 MVS	70.2
5	TOLUENE	99.99 PPB	114.0
6	UNKNOWN	1.649 MVS	211.2
7	ETHYLBENZENE	100.0 PPB	237.4
8	MP-XYLENE	200.0 PPB	256.0
9	O-XYLENE	100.0 PPB	302.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 11,94 11:13

SAMPLE TIME: NOV 11,94 11:05

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

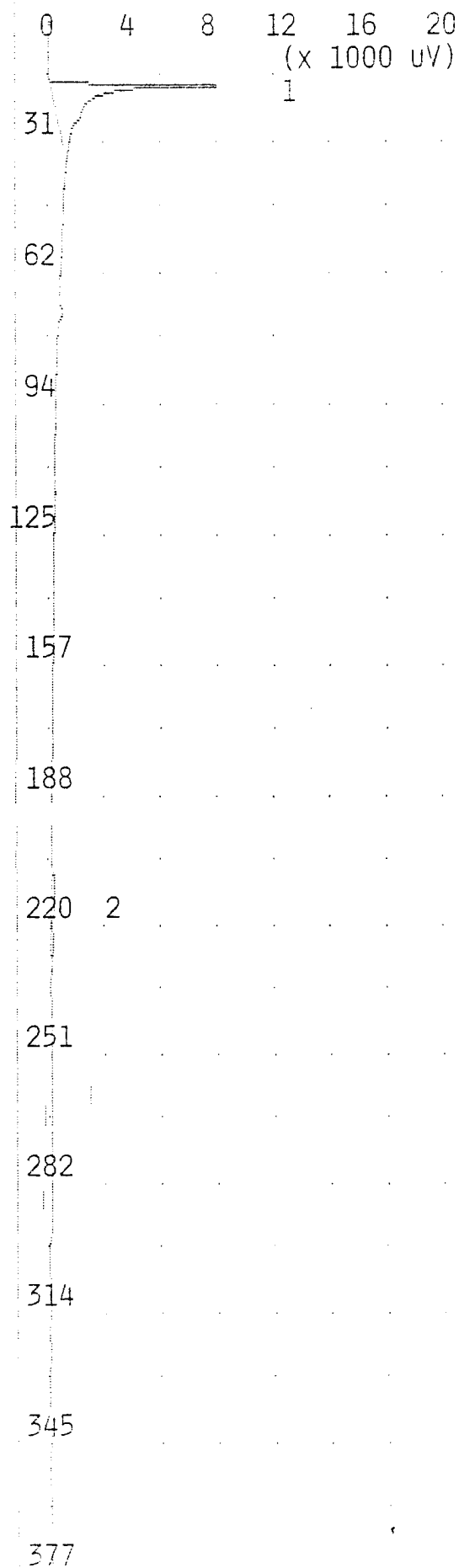
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	96.15 MVS	17.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #12

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 11:25

SAMPLE TIME: Nov 11,94 11:18

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000

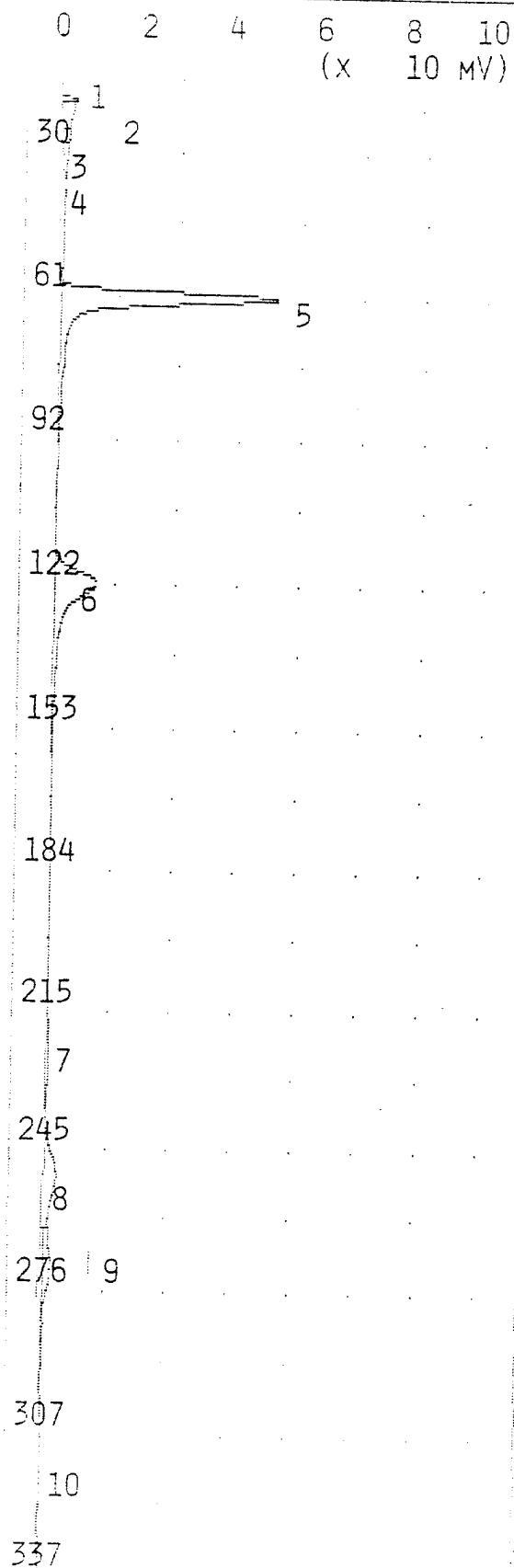
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	26.36 MVS	15.8
2	UNKNOWN	1.267 MVS	209.6

NOTES

JOE BYRD, JR.
COOS BAY ANGUS
A24-002BH ~~11.0~~ 2.5
1.0



TIME PRINTED: NOV 18,94 11:30

SAMPLE TIME: NOV 18,94 11:23

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

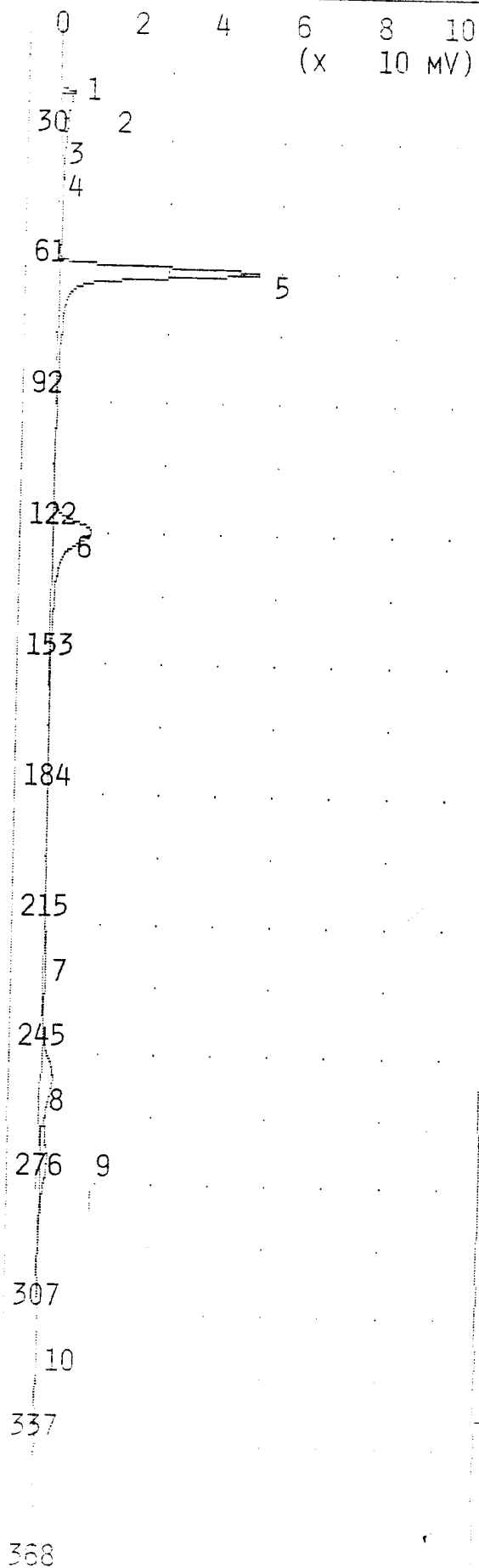
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.379 MVS	17.2
2	UNKNOWN	12.76 MVS	19.0
3	UNKNOWN	4.067 MVS	24.9
4	UNKNOWN	7.004 MVS	27.5
5	BENZENE	114.7 PPB	59.6
6	TOLUENE	121.8 PPB	120.6
7	UNKNOWN	7.696 MVS	221.8
8	ETHYLBENZENE	119.4 PPB	250.1
9	MP-XYLENE	248.7 PPB	268.5
10	O-XYLENE	108.3 PPB	314.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 11:35
 SAMPLE TIME: NOV 18,94 11:23

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 27 C
 MAX GAIN 1000
 ANALYSIS TIME 430.0 SEC

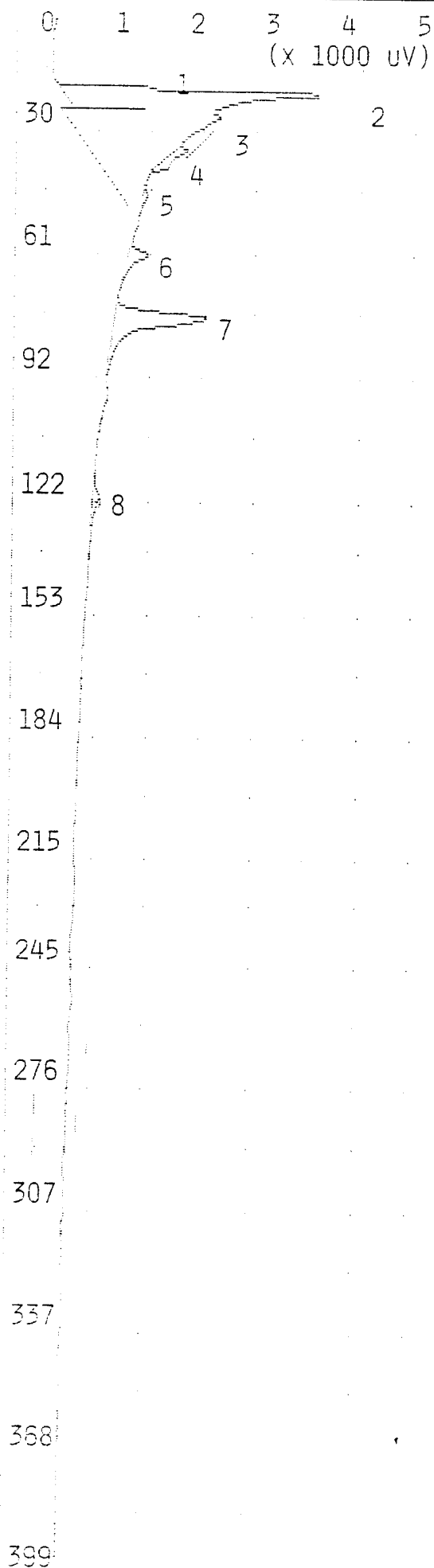
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.379 MVS	17.2
2	UNKNOWN	12.76 MVS	19.0
3	UNKNOWN	4.067 MVS	24.9
4	UNKNOWN	7.004 MVS	27.5
5	BENZENE	100.0 PPB	59.6
6	TOLUENE	100.0 PPB	120.6
7	UNKNOWN	7.696 MVS	221.8
8	ETHYLBENZENE	99.99 PPB	250.1
9	MP-XYLENE	199.9 PPB	268.5
10	O-XYLENE	100.0 PPB	314.9

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 100 PPB BTEX

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 11:45

SAMPLE TIME: NOV 18,94 11:38

METHOD

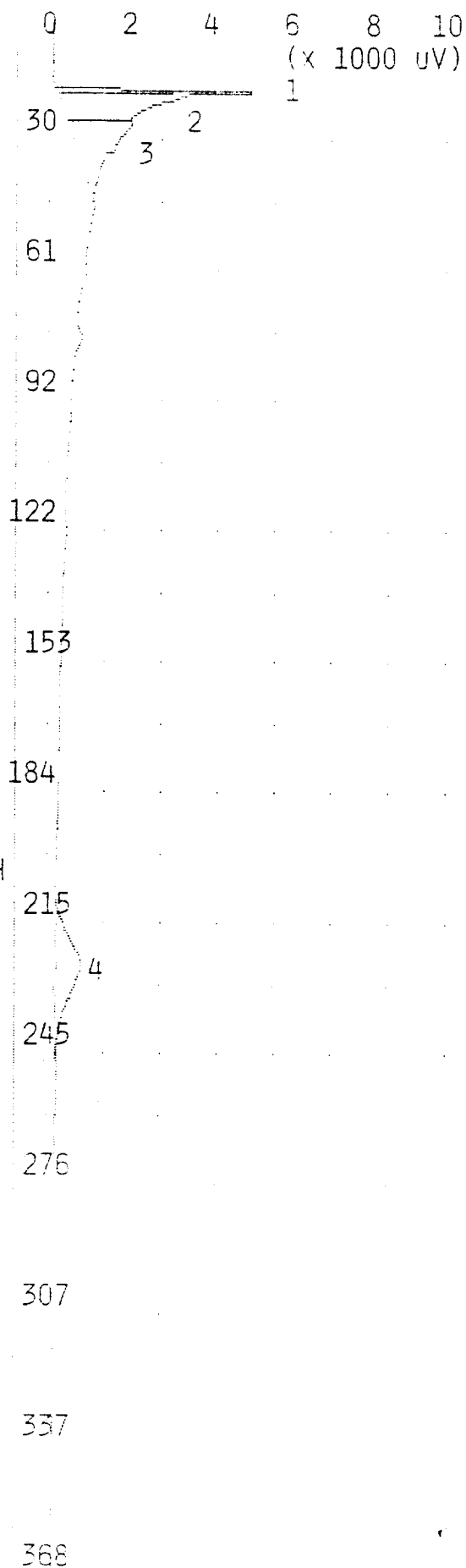
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.127 MVS	17.5
2	UNKNOWN	33.77 MVS	18.9
3	UNKNOWN	0.500 MVS	25.0
4	UNKNOWN	0.733 MVS	33.6
5	UNKNOWN	0.162 MVS	44.8
6	BENZENE	0.512 PPB	59.7
7	UNKNOWN	5.330 MVS	75.3
8	TOLUENE	0.778 PPB	120.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: NOV 18,94 11:56

SAMPLE TIME: NOV 18,94 11:49

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

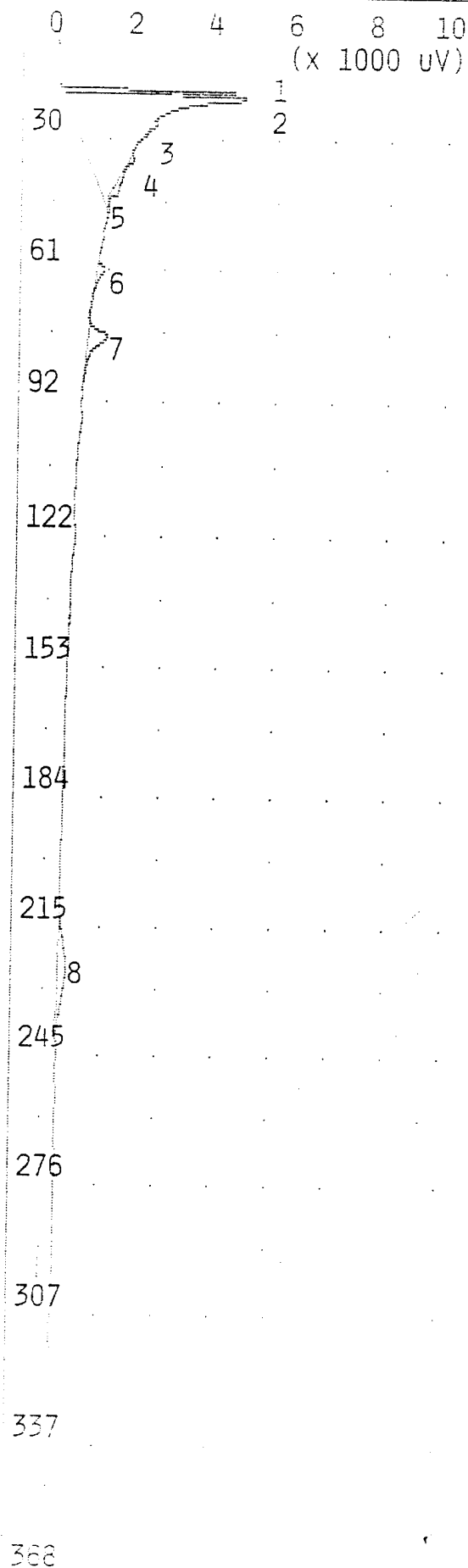
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.021 MVS	17.3
2	UNKNOWN	13.23 MVS	18.9
3	UNKNOWN	13.55 MVS	25.1
4	UNKNOWN	9.601 MVS	222.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
TS-003BH 1.0-2.0

ANALYSIS #13

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 12:06

SAMPLE TIME: NOV 18,94 11:59

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

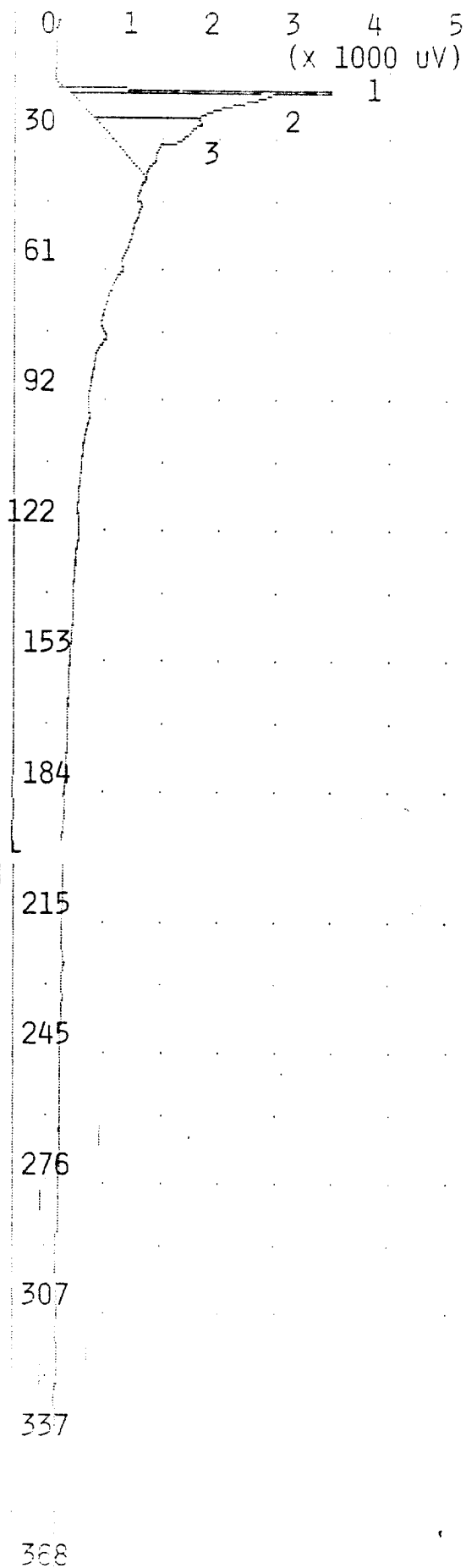
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.740 MVS	17.3
2	UNKNOWN	39.12 MVS	18.9
3	UNKNOWN	0.243 MVS	25.0
4	UNKNOWN	0.924 MVS	33.5
5	UNKNOWN	0.130 MVS	44.2
6	BENZENE	0.329 PPB	59.6
7	UNKNOWN	2.081 MVS	75.3
8	UNKNOWN	2.737 MVS	222.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
MSS-004BH 4.0-5.0

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 12:16

SAMPLE TIME: Nov 18,94 12:09

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 28 C
 MAX GAIN 1000
 ANALYSIS TIME 430.0 SEC

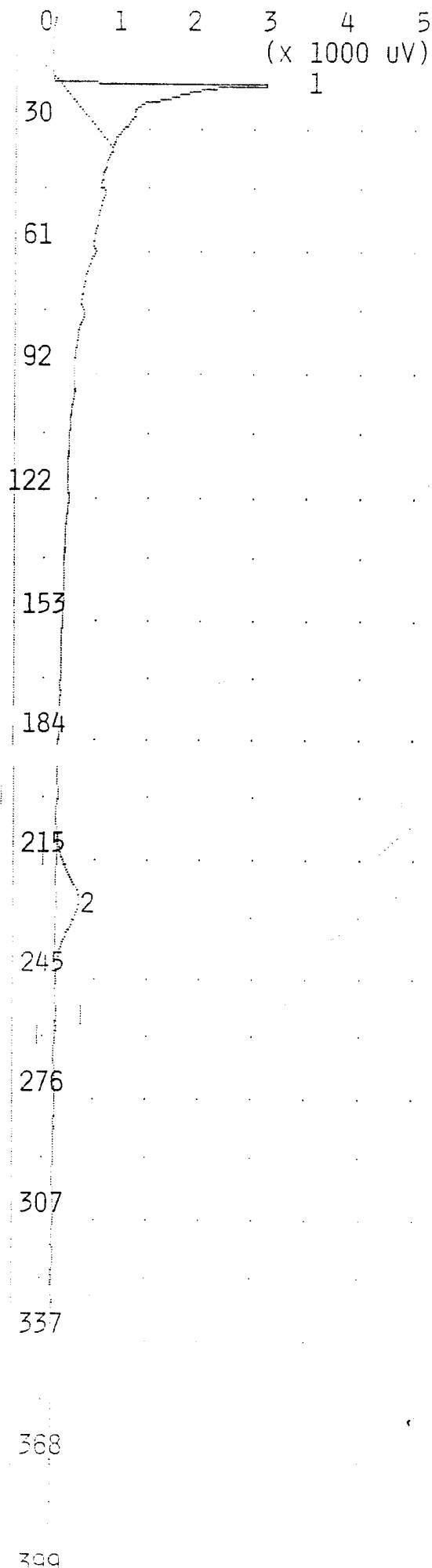
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.996 MVS	17.3
2	UNKNOWN	10.60 MVS	18.8
3	UNKNOWN	8.289 MVS	24.9

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 A40-003BH 7.0-8.0

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 12:26

SAMPLE TIME: NOV 18,94 12:19

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 28 C
 MAX GAIN 1000

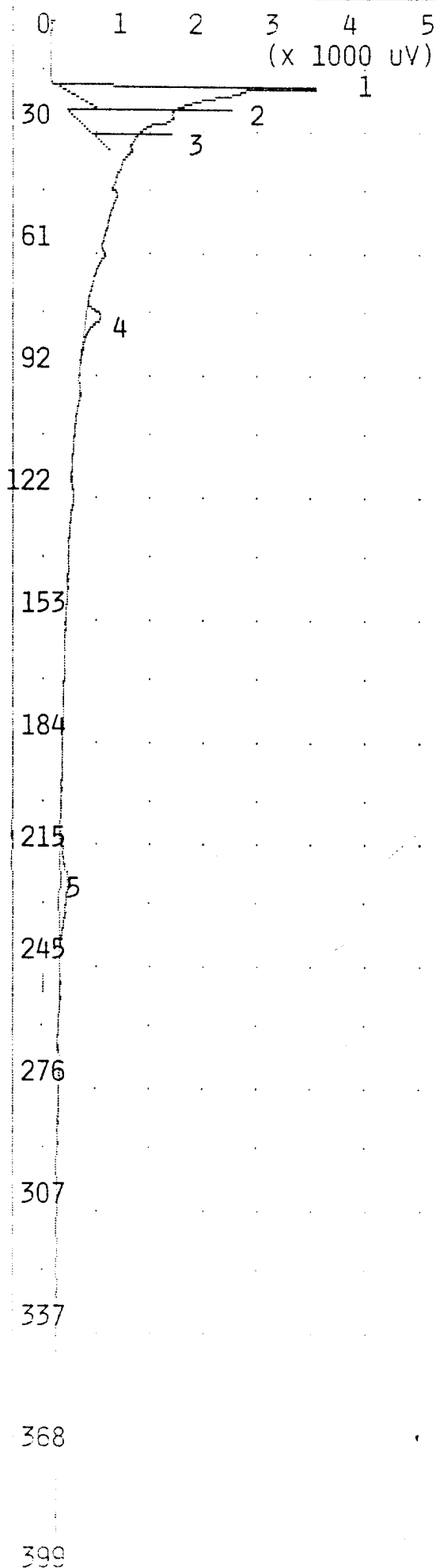
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.63 MVS	17.4
2	UNKNOWN	4.748 MVS	224.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 A40-002BH 8.5-9.5



TIME PRINTED: NOV 18,94 12:36

SAMPLE TIME: NOV 18,94 12:29

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000

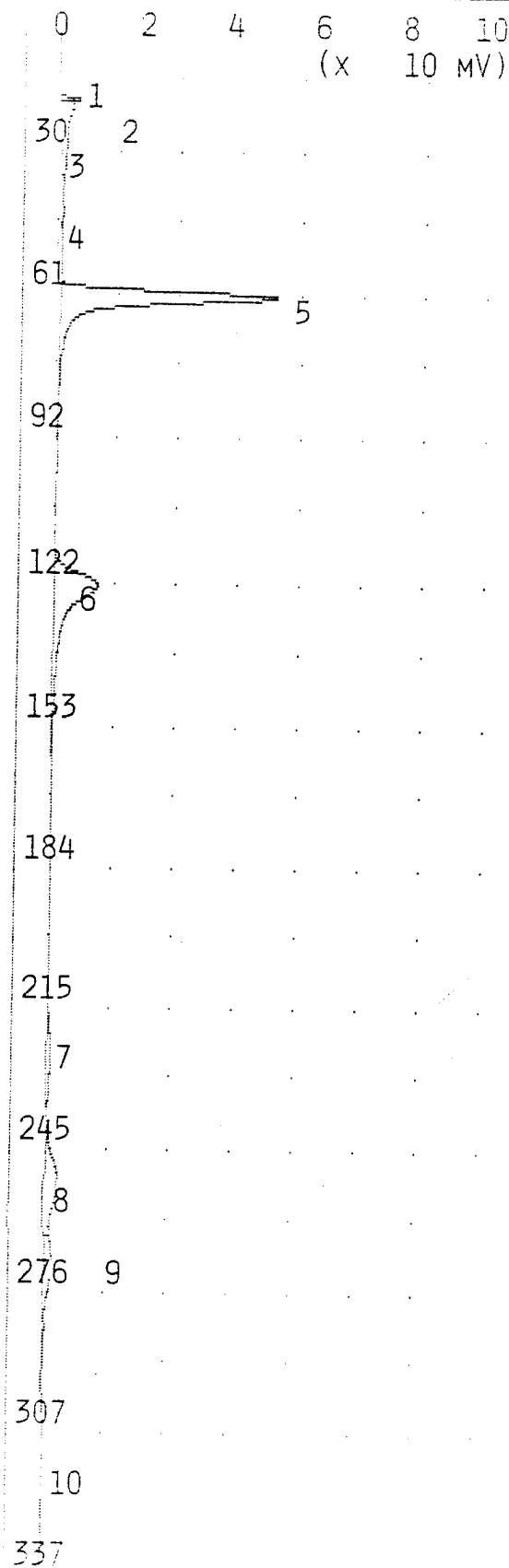
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.041 MVS	17.4
2	UNKNOWN	9.462 MVS	18.9
3	UNKNOWN	4.094 MVS	24.9
4	UNKNOWN	0.867 MVS	75.4
5	UNKNOWN	1.483 MVS	224.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
A40-003BH 4.0-5.0



TIME PRINTED: NOV 18,94 12:46

SAMPLE TIME: NOV 18,94 12:39

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.523 MVS	17.3
2	UNKNOWN	28.05 MVS	19.0
3	UNKNOWN	0.913 MVS	25.0
4	UNKNOWN	0.024 MVS	44.0
5	BENZENE	99.40 PPB	59.8
6	TOLUENE	106.9 PPB	121.3
7	UNKNOWN	11.00 MVS	223.4
8	ETHYLBENZENE	103.8 PPB	251.2
9	MP-XYLENE	207.6 PPB	269.6
10	O-XYLENE	94.91 PPB	314.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX

0 1 2 3 4 5
(x 1000 uV)

TIME PRINTED: NOV 18,94 12:57

SAMPLE TIME: NOV 18,94 12:50

METHOD

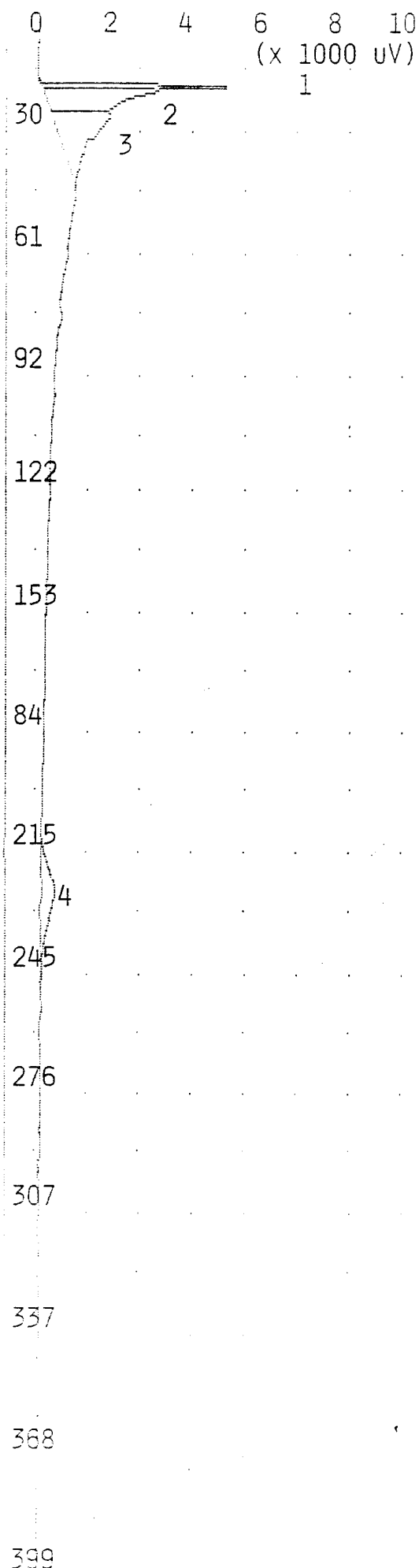
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.381 MVS	17.6
2	UNKNOWN	23.31 MVS	19.0
3	UNKNOWN	0.833 MVS	25.0
4	UNKNOWN	0.129 MVS	33.6
5	BENZENE	0.322 PPB	59.9
6	UNKNOWN	4.260 MVS	75.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: NOV 18,94 13:07

SAMPLE TIME: NOV 18,94 13:00

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

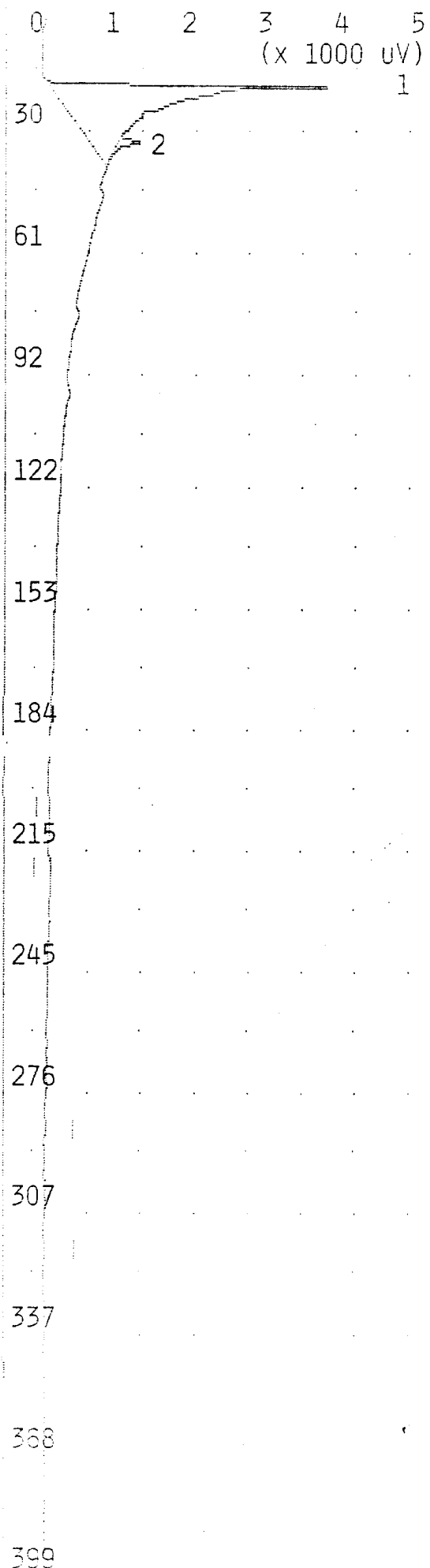
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.825 MVS	17.1
2	UNKNOWN	12.50 MVS	18.7
3	UNKNOWN	13.00 MVS	25.1
4	UNKNOWN	5.461 MVS	223.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
TS-003BH 4.5-5.5

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 13:30

SAMPLE TIME: NOV 18,94 13:23

METHOD

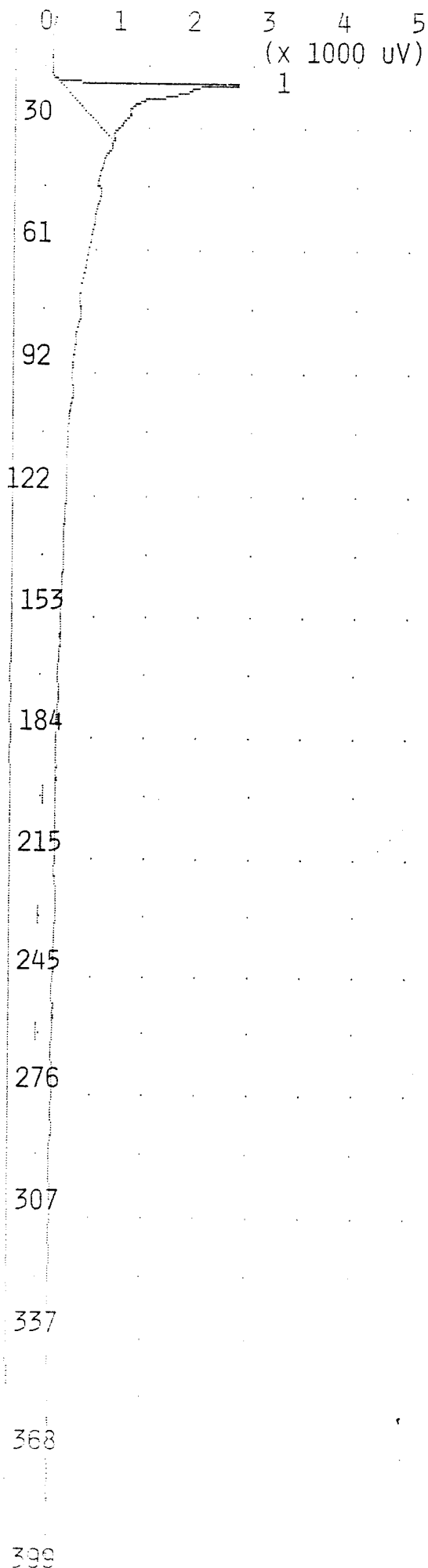
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	20.33 MVS	17.3
2	UNKNOWN	0.456 MVS	31.5

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 CB-001PZ 10ML WATER



TIME PRINTED: NOV 18,94 13:40

SAMPLE TIME: NOV 18,94 13:33

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

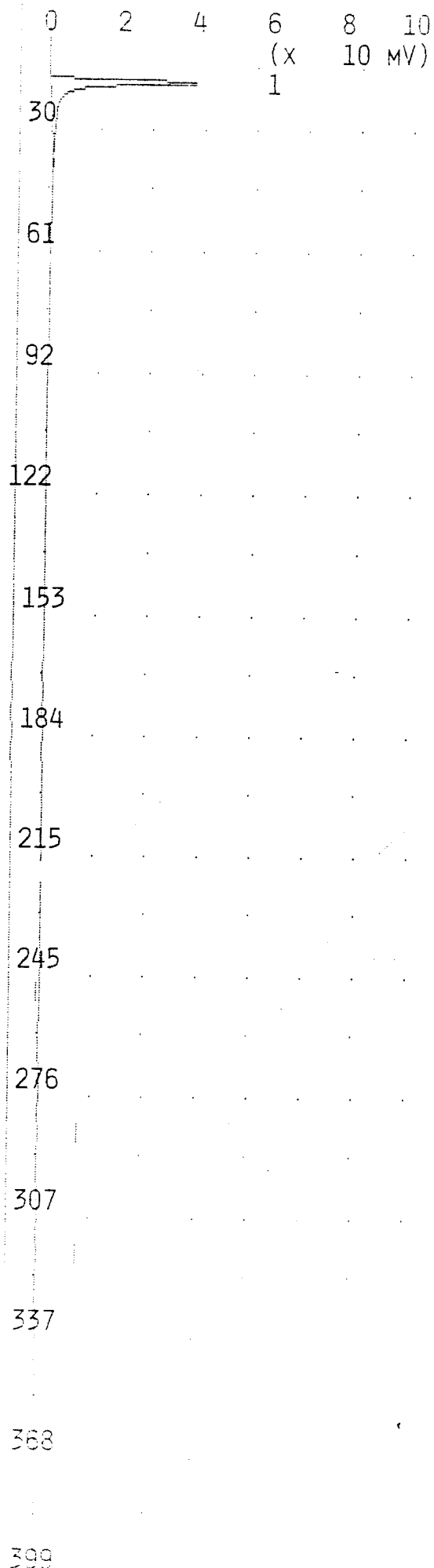
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.72 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
CB-002PZ 10ML WATER



TIME PRINTED: NOV 18,94 14:35

SAMPLE TIME: NOV 18,94 14:28

METHOD

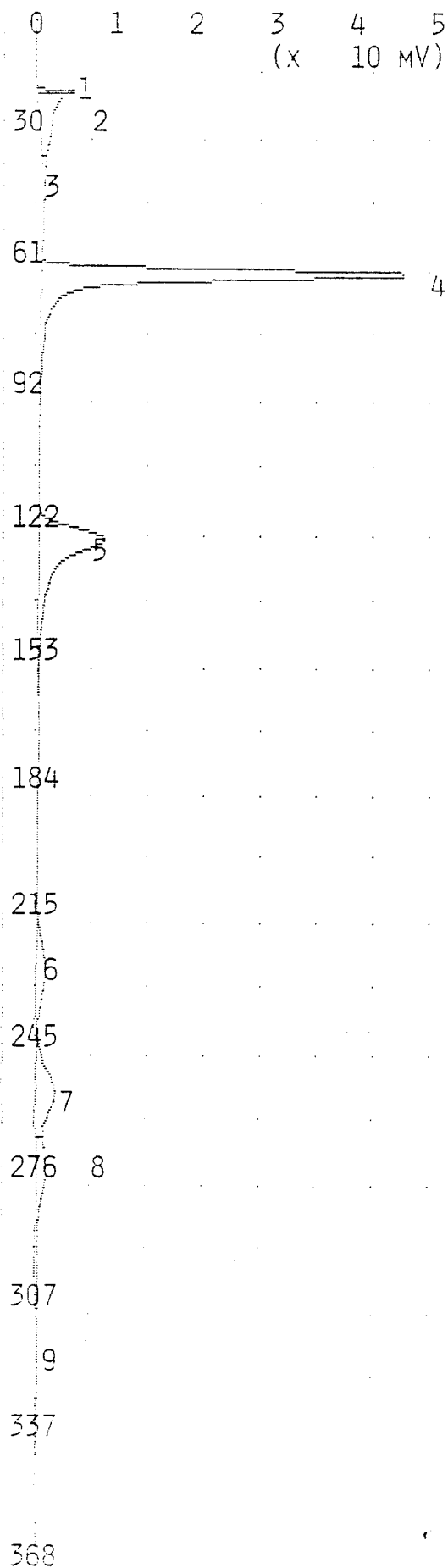
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	98.06 MVS	16.6

NOTES

JOE BYRD, JR.
COGS BAY ANG8
CB-004PZ 10ML WATER



TIME PRINTED: NOV 18,94 14:50

SAMPLE TIME: NOV 18,94 14:43

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.246 MVS	17.4
2	UNKNOWN	22.92 MVS	18.9
3	UNKNOWN	3.174 MVS	33.6
4	BENZENE	90.75 PPB	60.0
5	TOLUENE	92.88 PPB	121.7
6	UNKNOWN	15.97 MVS	223.8
7	ETHYLBENZENE	82.88 PPB	252.2
8	MP-XYLENE	152.8 PPB	270.6
9	O-XYLENE	77.79 PPB	316.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

0 1 2 3 4 5
(x 10 MV)

TIME PRINTED: NOV 18,94 14:55

SAMPLE TIME: NOV 18,94 14:43

METHOD

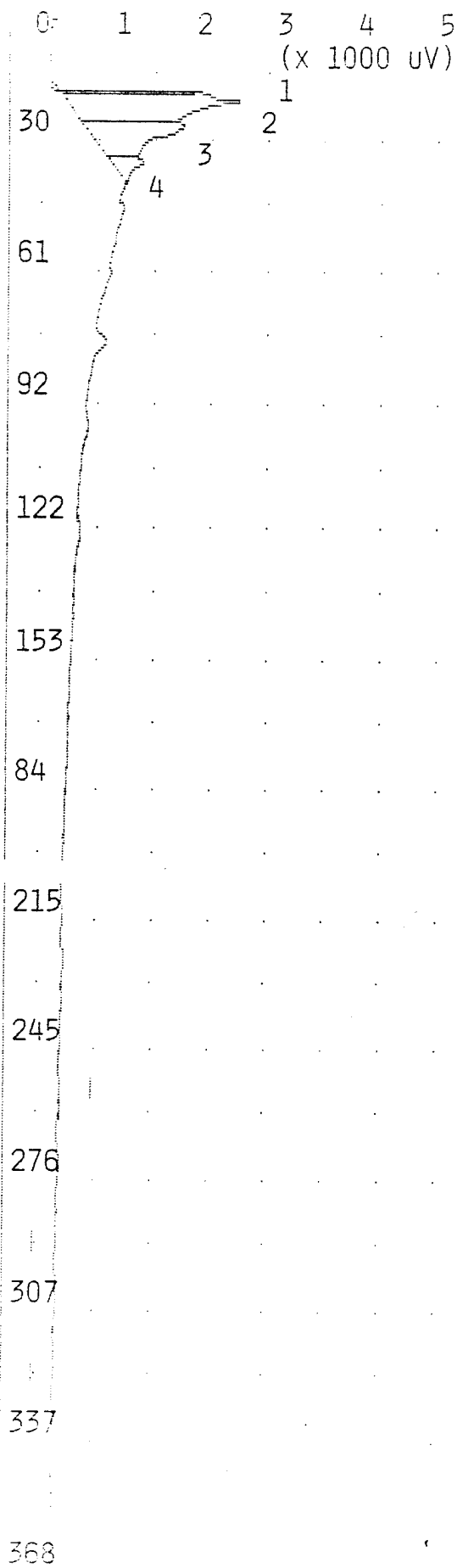
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.246 MVS	17.4
2	UNKNOWN	22.92 MVS	18.9
3	UNKNOWN	3.174 MVS	33.6
4	BENZENE	100.0 PPB	60.0
5	TOLUENE	100.0 PPB	121.7
6	UNKNOWN	15.97 MVS	223.8
7	ETHYLBENZENE	100.0 PPB	252.2
8	MP-XYLENE	200.0 PPB	270.6
9	O-XYLENE	100.0 PPB	316.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: Nov 18,94 15:05

SAMPLE TIME: Nov 18,94 14:58

METHOD

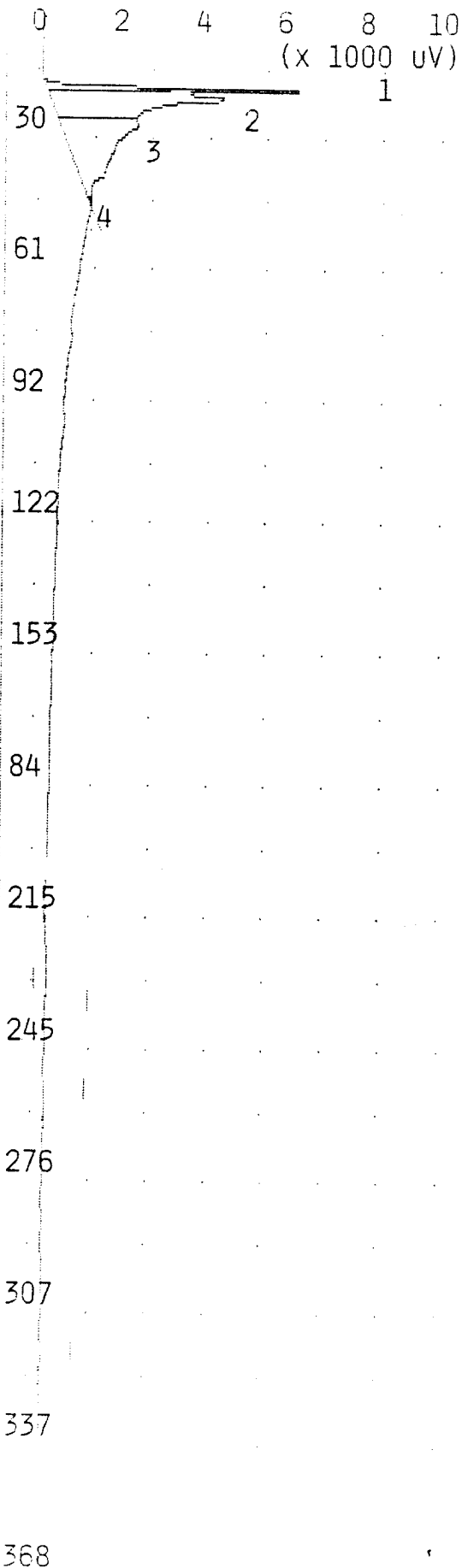
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.352 MVS	17.5
2	UNKNOWN	9.671 MVS	19.1
3	UNKNOWN	6.982 MVS	25.2
4	UNKNOWN	1.270 MVS	34.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: NOV 18,94 16:32

SAMPLE TIME: NOV 18,94 16:25

METHOD

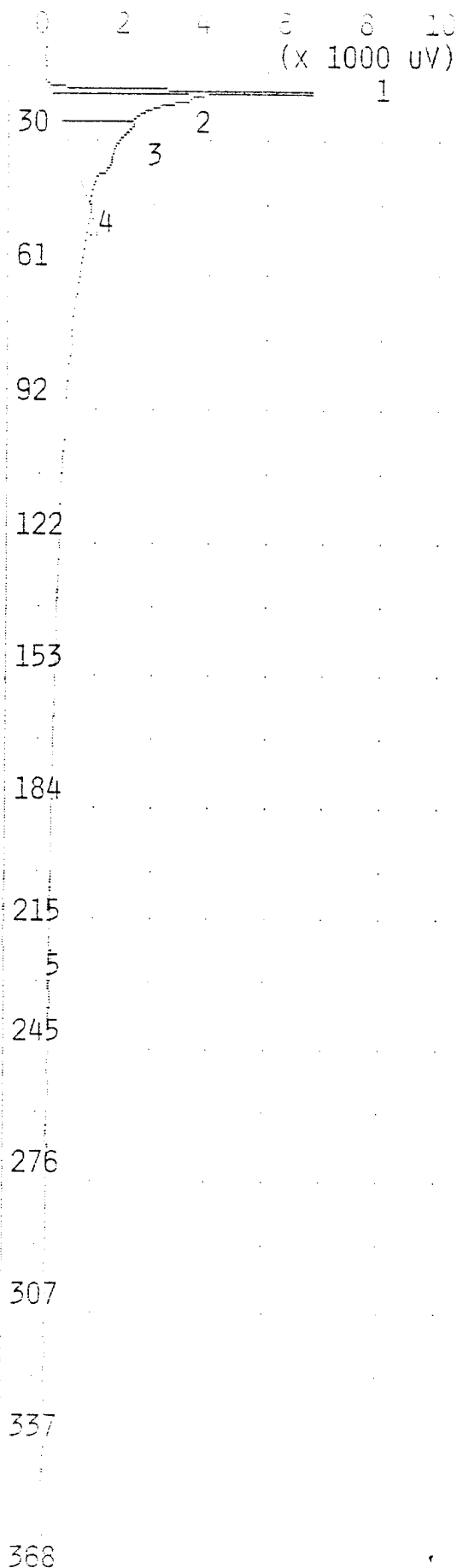
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.763 MVS	17.3
2	UNKNOWN	17.83 MVS	19.8
3	UNKNOWN	17.78 MVS	26.1
4	UNKNOWN	0.117 MVS	43.9

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
CB-003PZ 10ML WATER



TIME PRINTED: NOV 18,94 17:12

SAMPLE TIME: NOV 18,94 17:05

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.853 MVS	17.2
2	UNKNOWN	15.13 MVS	18.9
3	UNKNOWN	16.37 MVS	25.1
4	UNKNOWN	0.138 MVS	44.3
5	UNKNOWN	0.590 MVS	225.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-005PZ 10ML WATER

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 18,94 17:23

SAMPLE TIME: NOV 18,94 17:16

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

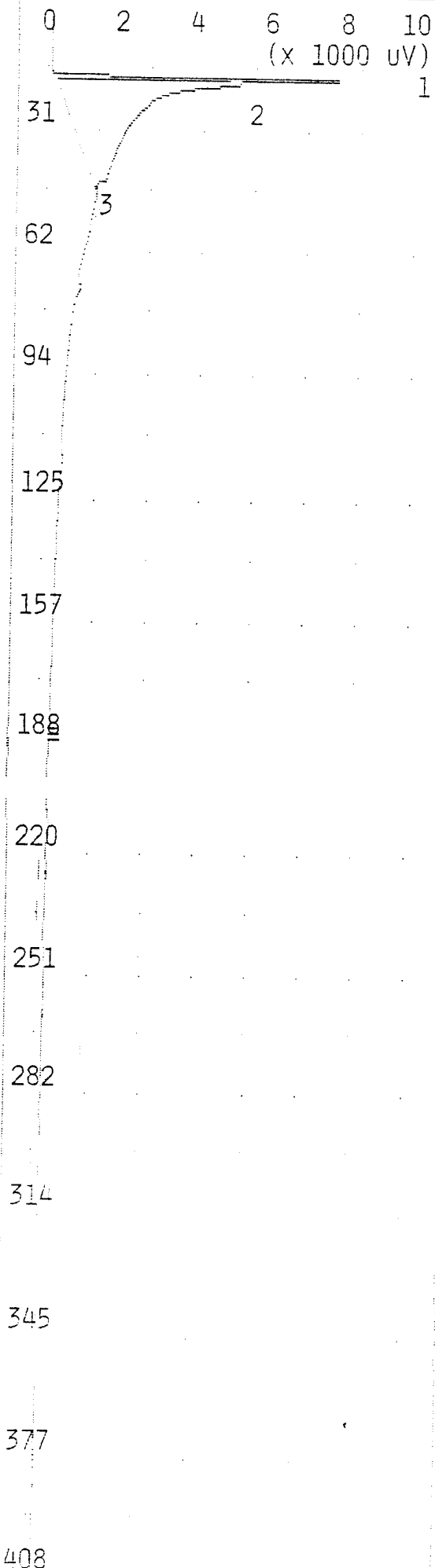
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.998 MVS	17.4
2	UNKNOWN	49.86 MVS	19.1
3	UNKNOWN	65.28 MVS	24.8
4	UNKNOWN	58.17 MVS	33.7
5	UNKNOWN	62.29 MVS	44.0
6	BENZENE	149.7 PPB	60.1
7	TOLUENE	101.3 PPB	121.8
8	UNKNOWN	26.73 MVS	224.2
9	ETHYLBENZENE	69.08 PPB	252.8
10	MP-XYLENE	115.7 PPB	270.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

ANALYSIS #13

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 11:35

SAMPLE TIME: Nov 11,94 11:28

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

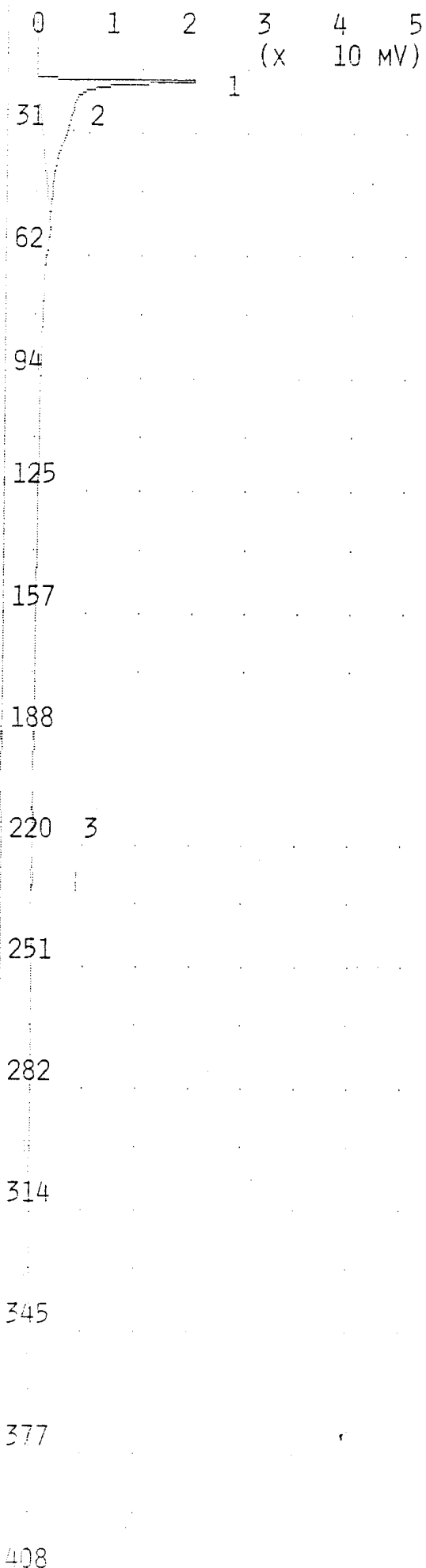
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.090 MVS	15.8
2	UNKNOWN	44.20 MVS	17.1
3	UNKNOWN	0.162 MVS	44.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-002BH 4.5- 6.0

ANALYSIS #14

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 11:45

SAMPLE TIME: NOV 11,94 11:38

METHOD

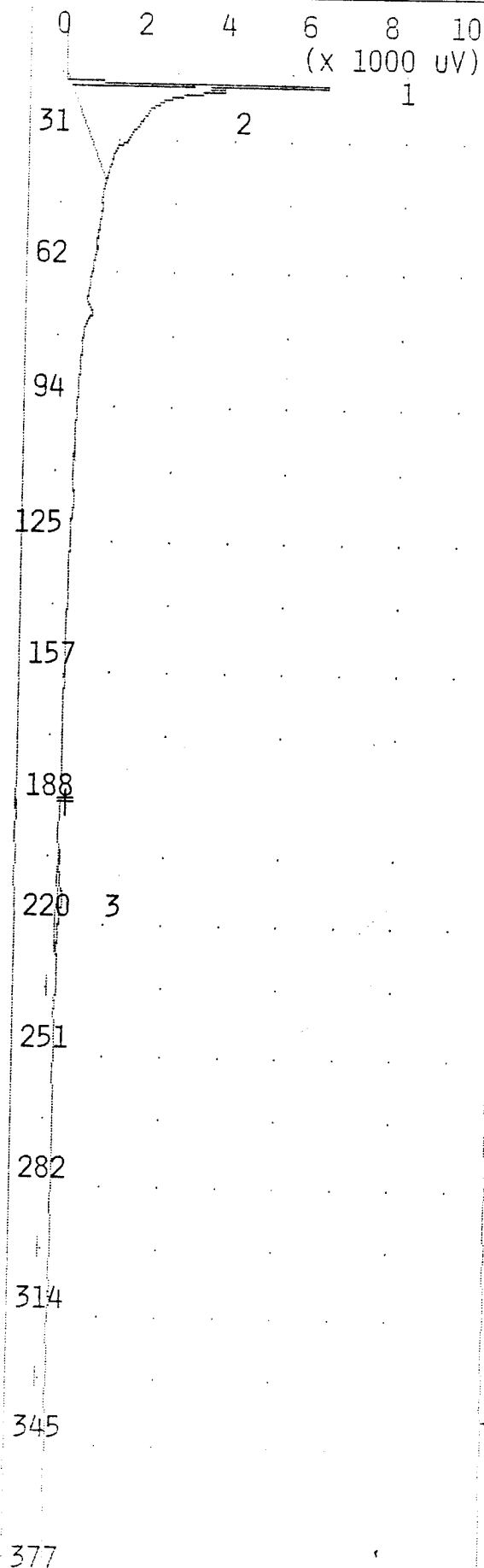
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	118.1 MVS	15.9
2	UNKNOWN	0.144 MVS	22.5
3	ETHYLBENZENE	3.403 PPB	214.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-002BH 8.5-10.0



TIME PRINTED: NOV 11,94 12:03

SAMPLE TIME: NOV 11,94 11:56

METHOD

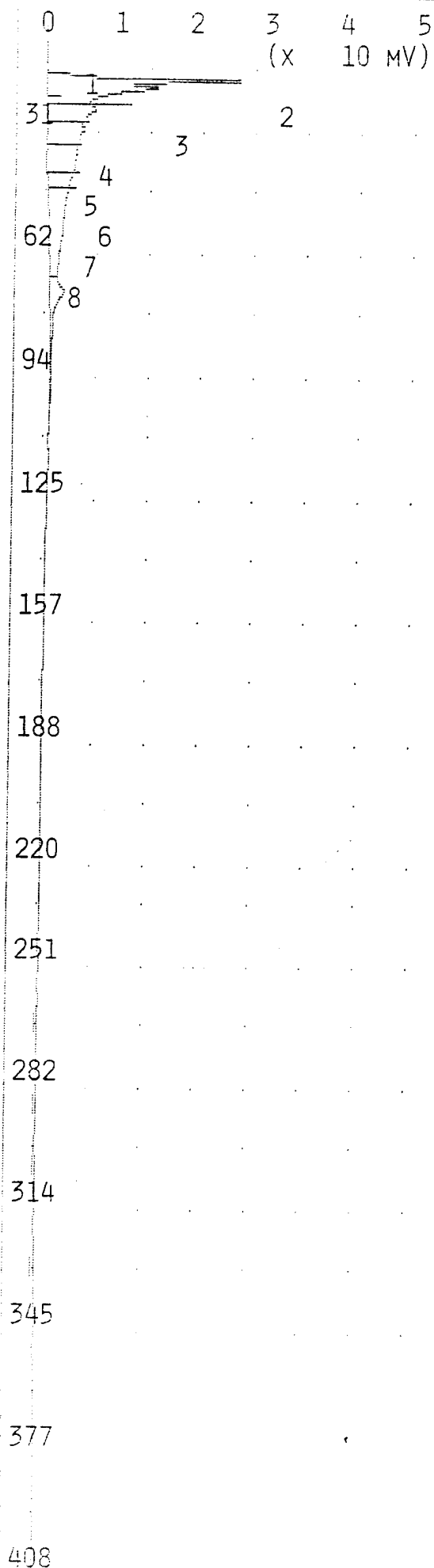
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.003 MVS	15.7
2	UNKNOWN	26.90 MVS	17.2
3	UNKNOWN	1.088 MVS	210.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-002BH 13.5-15.0



TIME PRINTED: NOV 11,94 12:14

SAMPLE TIME: NOV 11,94 12:06

METHOD

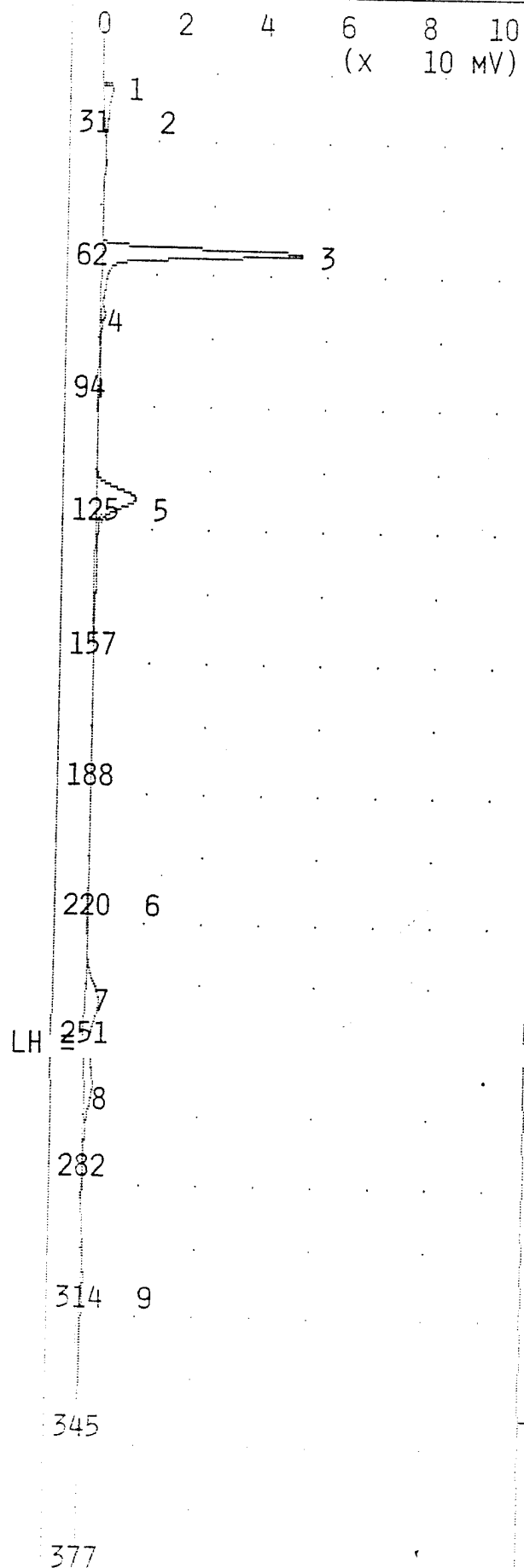
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.365 MVS	14.8
2	UNKNOWN	36.42 MVS	15.8
3	UNKNOWN	43.79 MVS	18.1
4	UNKNOWN	33.12 MVS	23.6
5	UNKNOWN	10.70 MVS	28.8
6	UNKNOWN	16.17 MVS	30.6
7	UNKNOWN	74.40 MVS	34.9
8	UNKNOWN	16.60 MVS	70.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-002BH 18.5-19.5



TIME PRINTED: NOV 11,94 12:24

SAMPLE TIME: NOV 11,94 12:17

METHOD

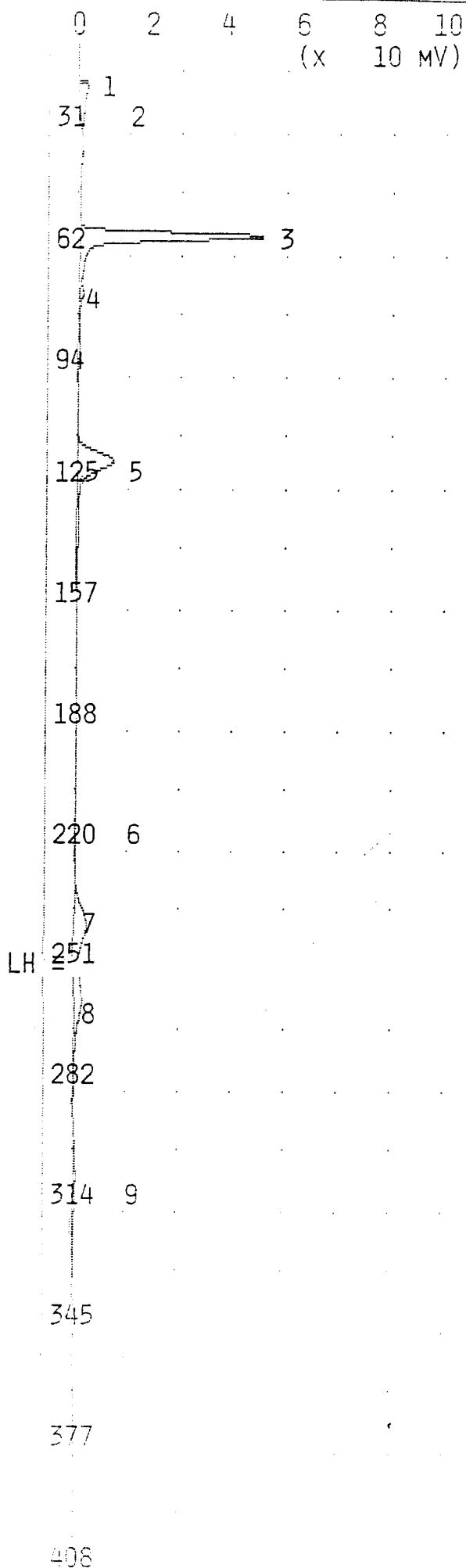
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.569 MVS	15.9
2	UNKNOWN	17.77 MVS	17.4
3	BENZENE	92.97 PPB	55.7
4	UNKNOWN	1.709 MVS	70.5
5	TOLUENE	78.63 PPB	114.0
6	UNKNOWN	1.755 MVS	210.8
7	ETHYLBENZENE	61.33 PPB	237.4
8	MP-XYLENE	112.6 PPB	256.0
9	O-XYLENE	50.87 PPB	303.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 11,94 12:28

SAMPLE TIME: NOV 11,94 12:17

METHOD

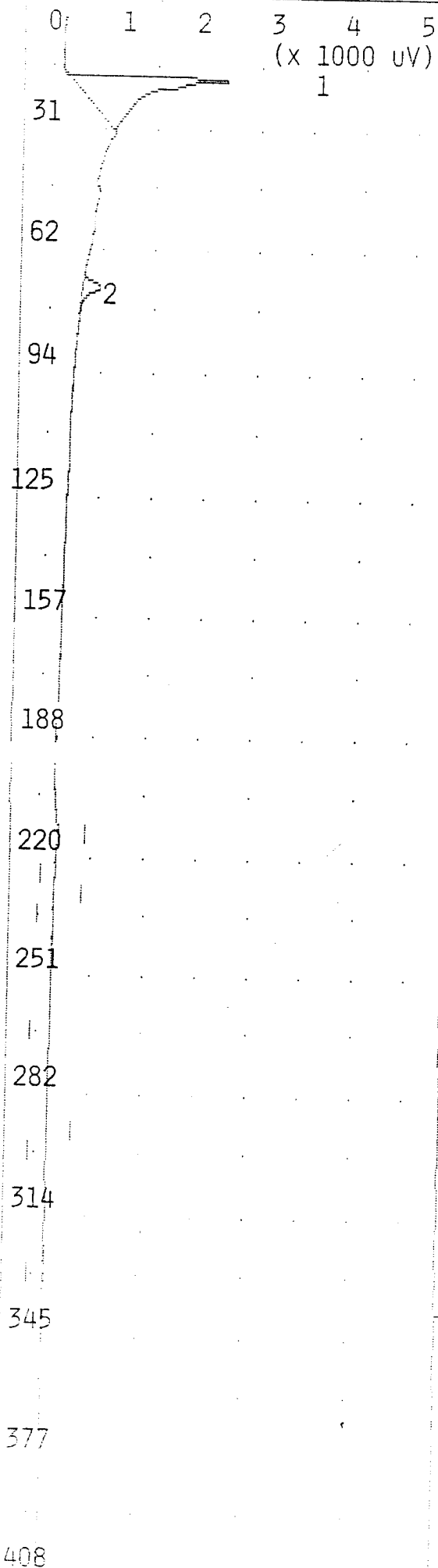
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.569 MVS	15.9
2	UNKNOWN	17.77 MVS	17.4
3	BENZENE	100.0 PPB	55.7
4	UNKNOWN	1.709 MVS	70.5
5	TOLUENE	100.0 PPB	114.0
6	UNKNOWN	1.755 MVS	210.8
7	ETHYLBENZENE	100.0 PPB	237.4
8	MP-XYLENE	200.0 PPB	256.0
9	O-XYLENE	99.99 PPB	303.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 11,94 12:39

SAMPLE TIME: NOV 11,94 12:32

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

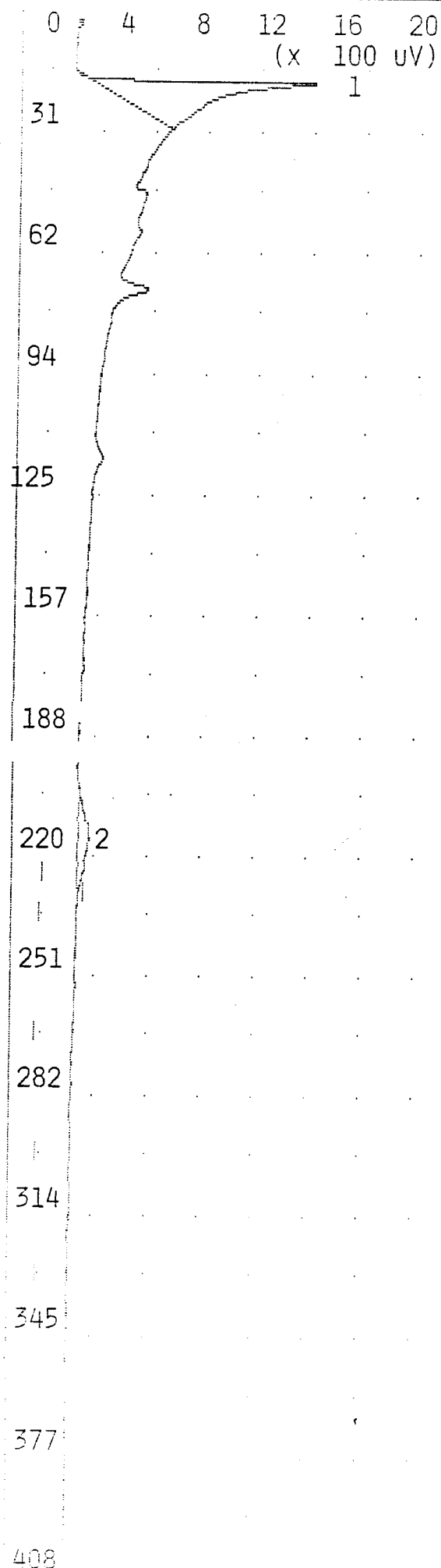
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.61 MVS	16.0
2	UNKNOWN	0.810 MVS	70.2

NOTES

JOE BYRD, JR.

COOS BAY ANGUS

~~100 PPB STEY~~ JB
AIR BLANK



TIME PRINTED: Nov 11,94 12:50

SAMPLE TIME: Nov 11,94 12:42

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

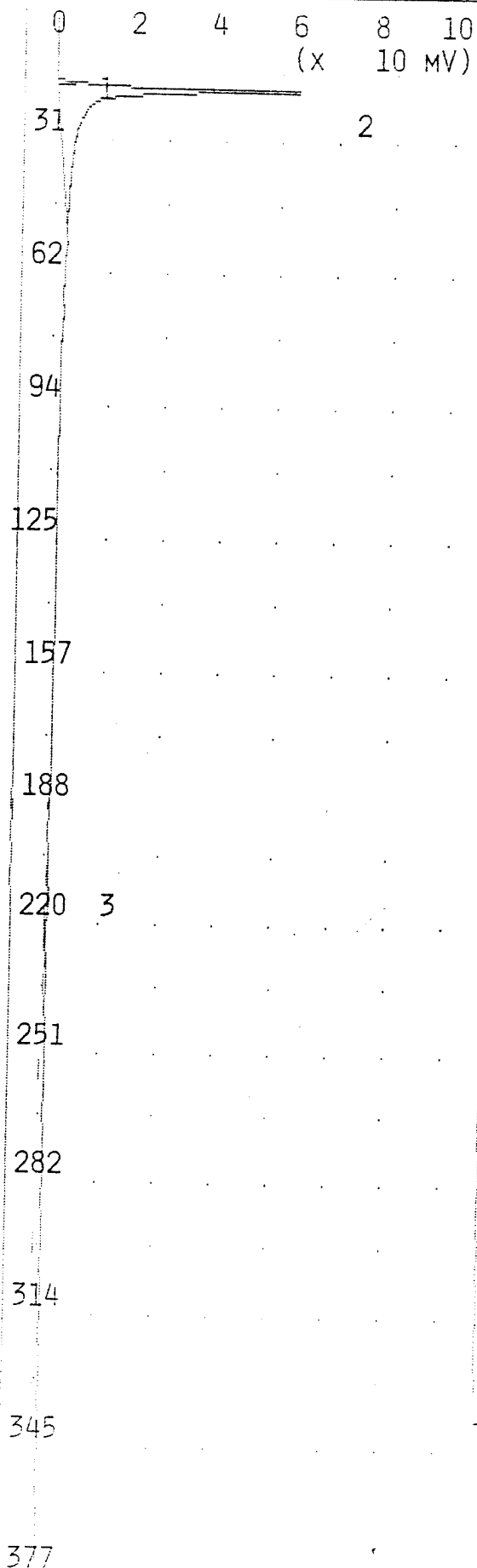
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.845 MVS	16.4
2	ETHYLBENZENE	2.008 PPB	213.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-003BH 1.0- 2.5



TIME PRINTED: NOV 11,94 13:01

SAMPLE TIME: NOV 11,94 12:54

METHOD

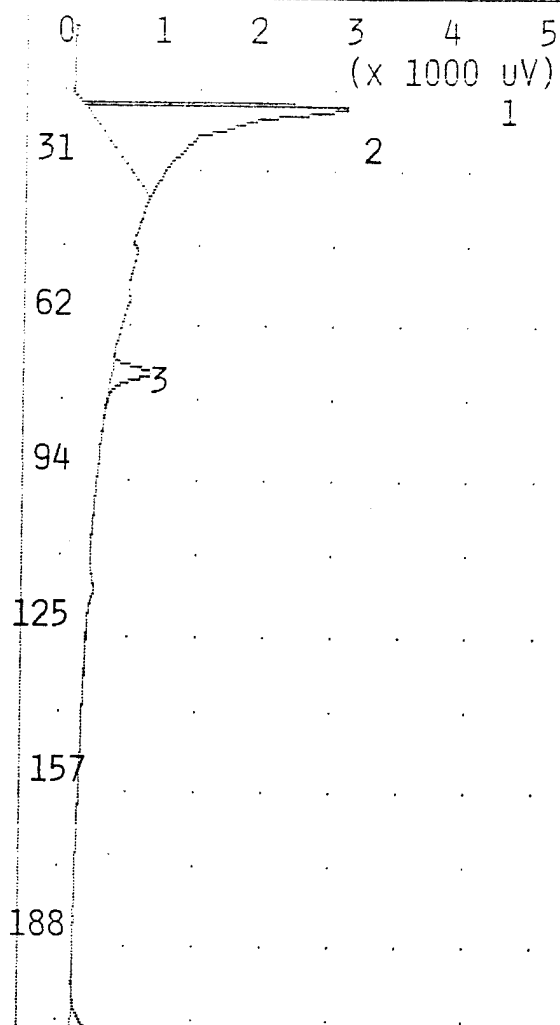
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.887 MVS	15.7
2	UNKNOWN	194.8 MVS	17.2
3	UNKNOWN	1.539 MVS	210.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-003BH 4.5- 6.0



TIME PRINTED: NOV 11,94 13:11

SAMPLE TIME: NOV 11,94 13:04

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.166 MVS	16.0
2	UNKNOWN	15.33 MVS	17.2
3	UNKNOWN	1.283 MVS	70.6
4	UNKNOWN	6.067 MVS	211.6

220 4

251

282

314

345

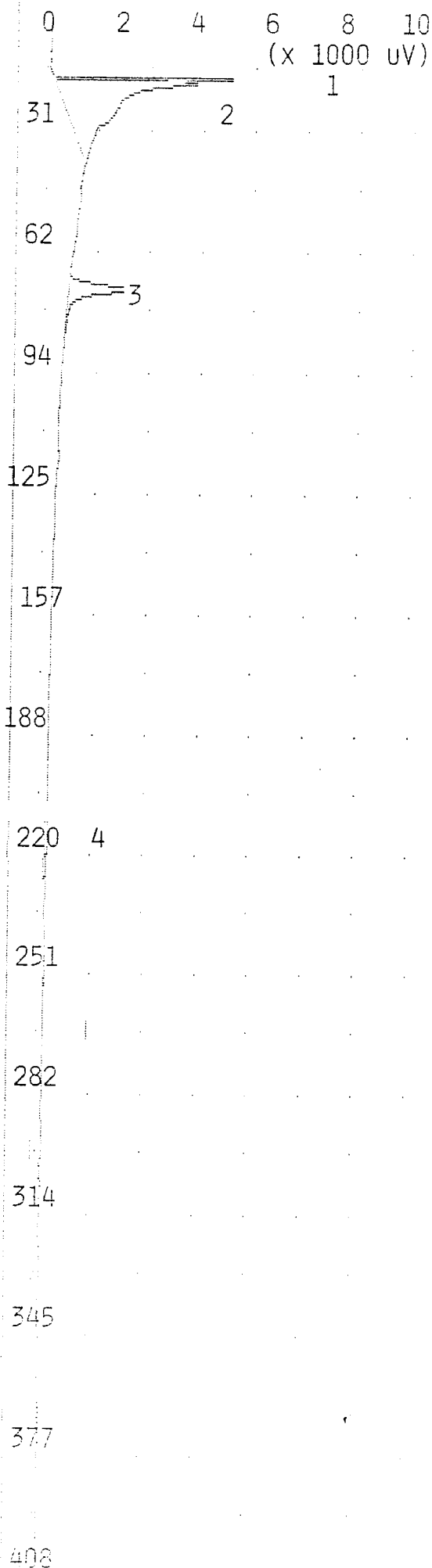
377

408

440

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-003BH 8.5-10.0



TIME PRINTED: NOV 11,94 13:22

SAMPLE TIME: NOV 11,94 13:15

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

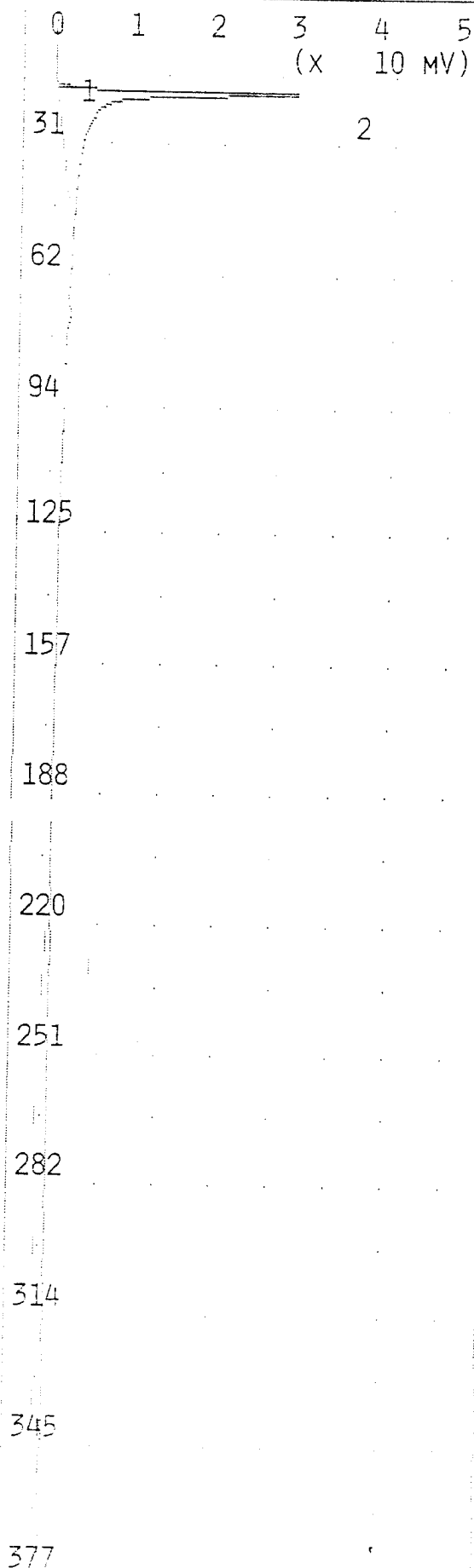
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.906 MVS	15.9
2	UNKNOWN	24.18 MVS	17.3
3	UNKNOWN	5.009 MVS	70.5
4	UNKNOWN	0.727 MVS	210.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
A24-003BH 13.5-15.0



TIME PRINTED: NOV 11,94 13:32

SAMPLE TIME: NOV 11,94 13:25

METHOD

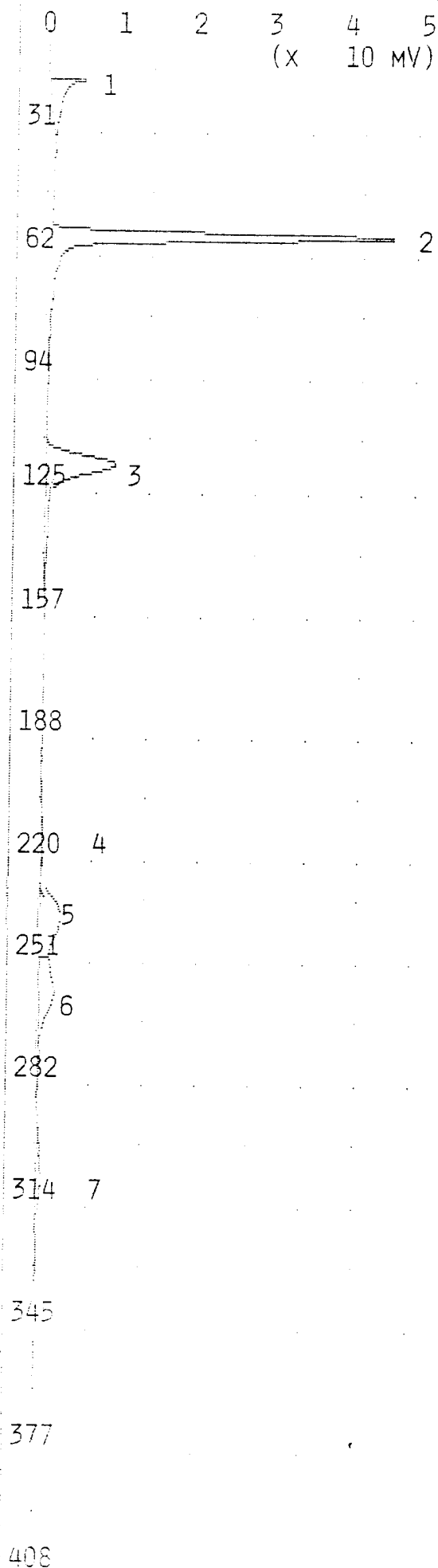
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.805 MVS	16.1
2	UNKNOWN	115.9 MVS	17.3

NOTES

JOE BYRD, JR.
COOS BAY ANGUS
A24-003BH 18.5-20.0



TIME PRINTED: NOV 11, 94 13:53

SAMPLE TIME: NOV 11, 94 13:46

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	22.89 MVS	15.8
2	BENZENE	88.66 PPB	55.8
3	TOLUENE	93.95 PPB	113.8
4	UNKNOWN	3.275 MVS	211.0
5	ETHYLBENZENE	98.13 PPB	237.4
6	MP-XYLENE	199.4 PPB	256.0
7	O-XYLENE	103.6 PPB	302.6

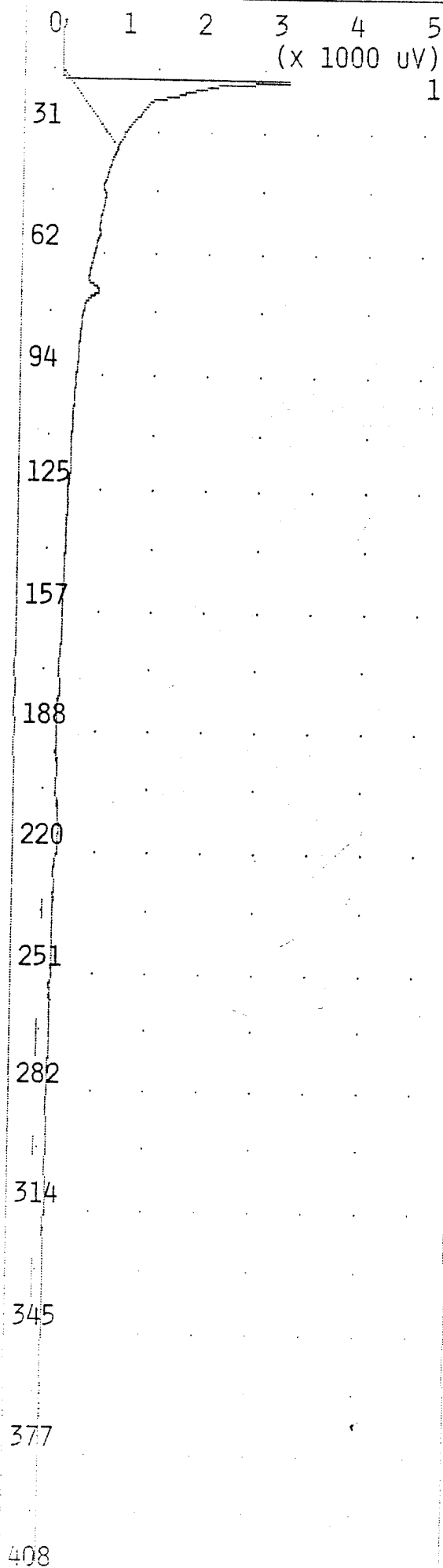
NOTES

JOE BYRD, JR.

COOS BAY ANGCS

~~A24 003BH 18.5 20.0~~

100 PPB BTX \$3



TIME PRINTED: NOV 11,94 14:03

SAMPLE TIME: NOV 11,94 13:56

METHOD

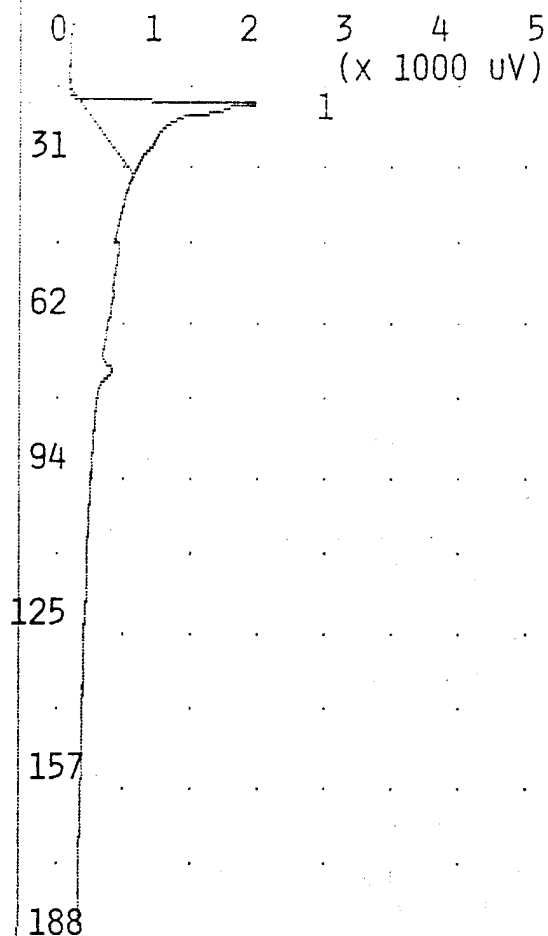
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.54 MVS	15.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: Nov 11,94 14:16

SAMPLE TIME: Nov 11,94 14:09

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

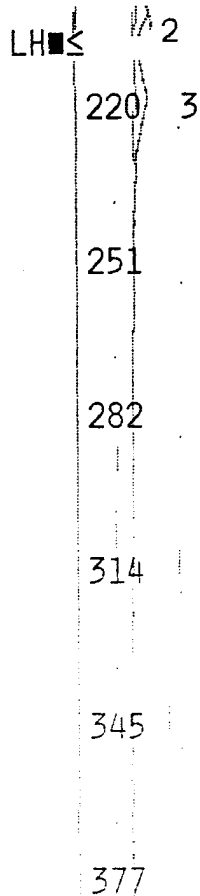
AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

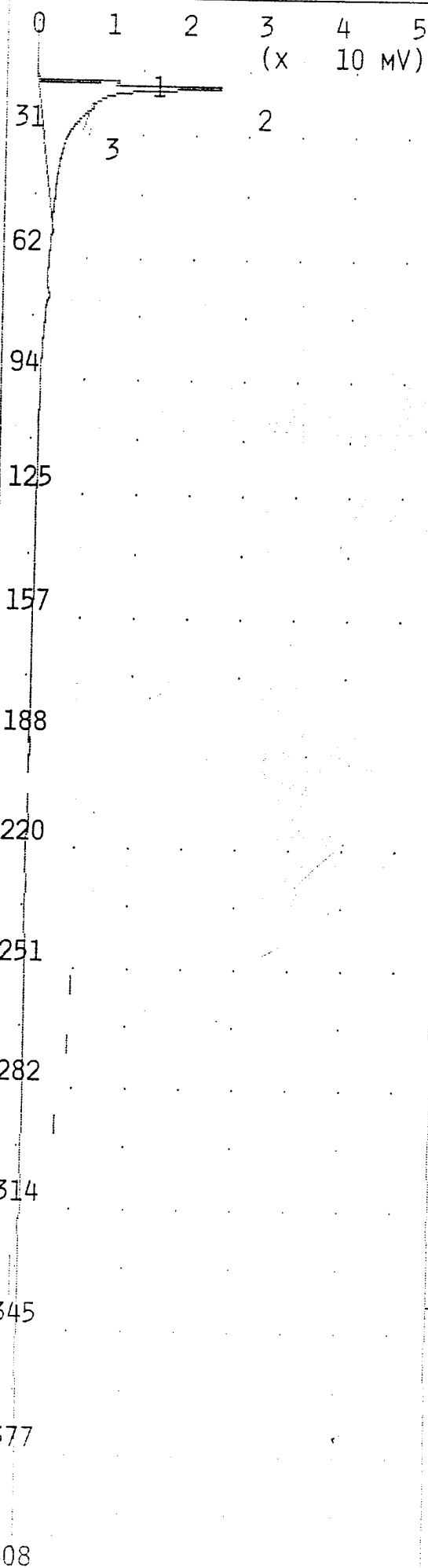
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.957 MVS	16.2
2	UNKNOWN	1.793 MVS	192.2
3	UNKNOWN	1.532 MVS	211.0



NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-002BH 1.0- 2.5



TIME PRINTED: NOV 11, 94 14:35

SAMPLE TIME: NOV 11, 94 14:19

METHOD

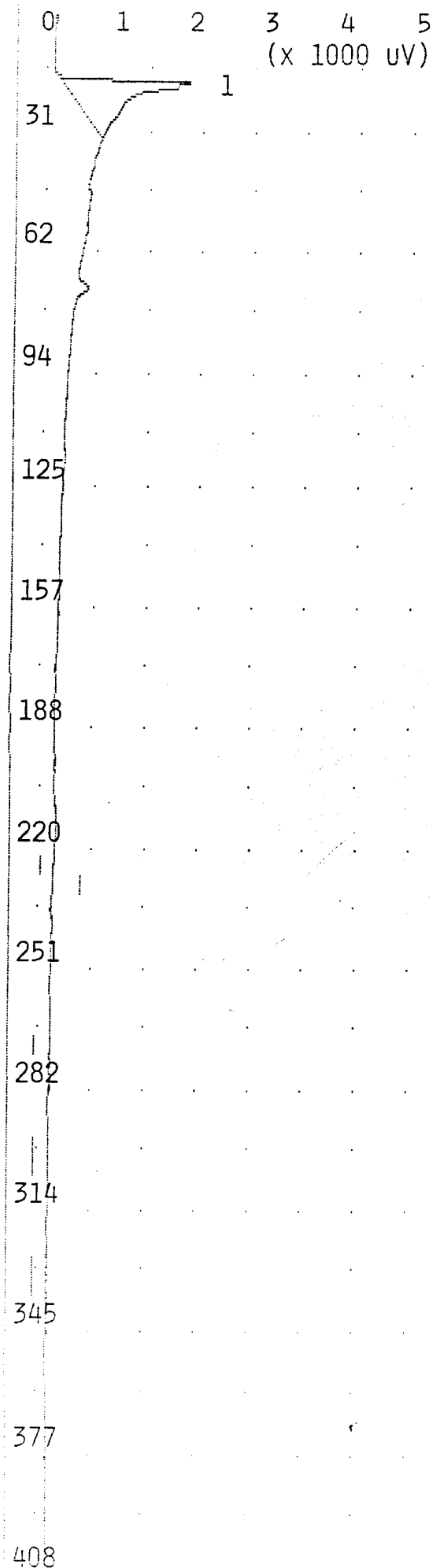
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.45 MVS	15.8
2	UNKNOWN	139.1 MVS	17.2
3	UNKNOWN	0.246 MVS	22.5

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 SDB-002BH 4.5- 6.0



TIME PRINTED: NOV 11,94 14:46

SAMPLE TIME: NOV 11,94 14:39

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

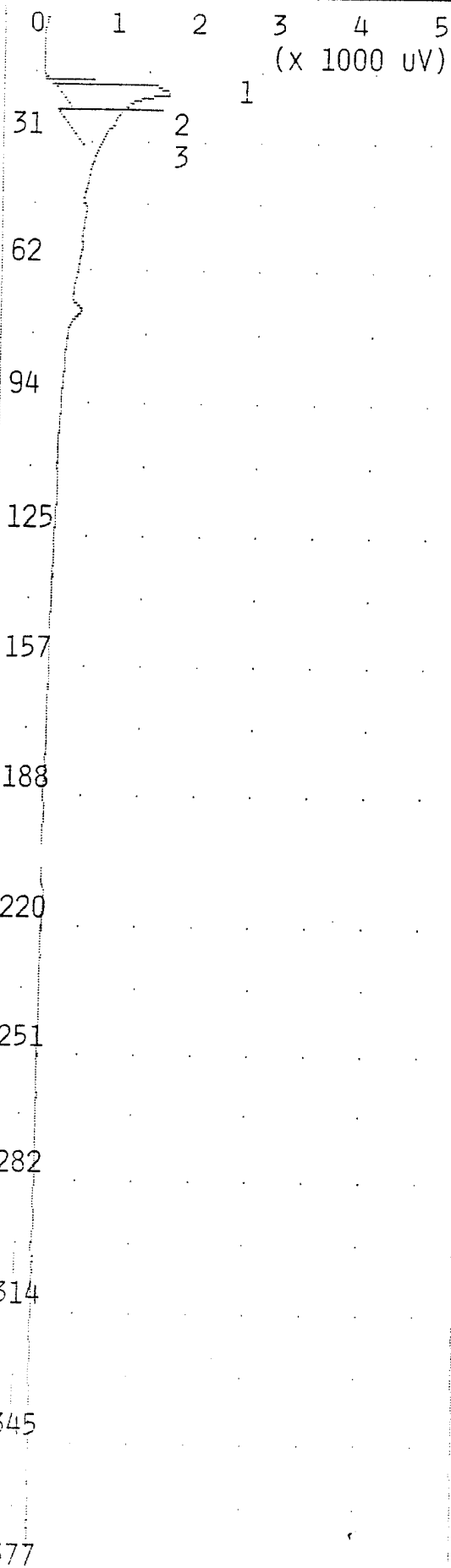
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.773 MVS	16.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-002BH 8.5-10.0

ANALYSIS #29

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 14:56

SAMPLE TIME: NOV 11,94 14:49

METHOD

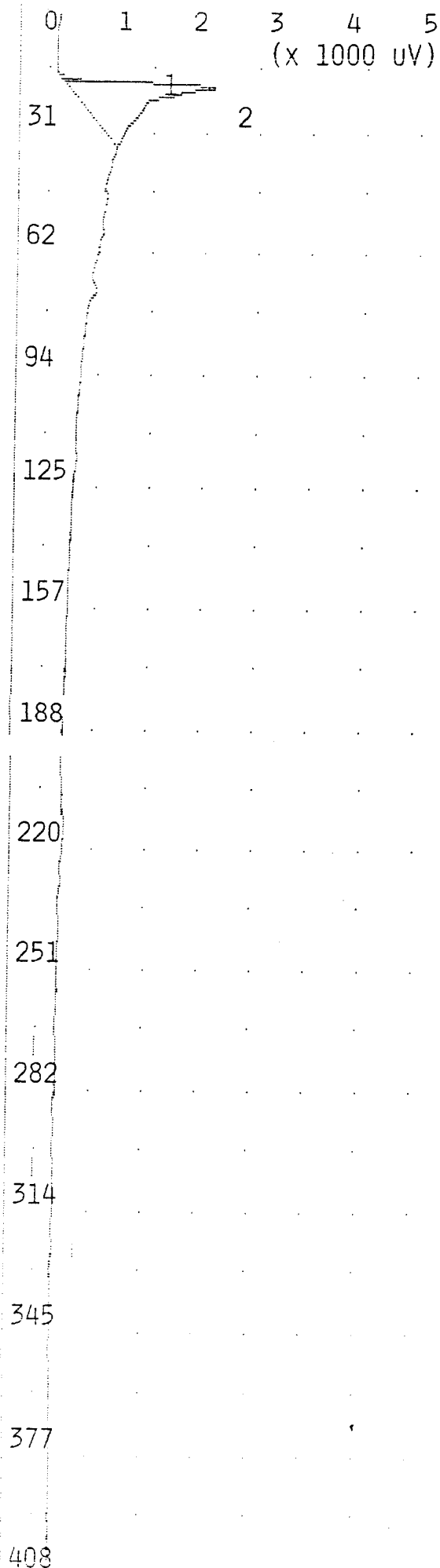
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.042 MVS	15.7
2	UNKNOWN	1.008 MVS	16.5
3	UNKNOWN	7.474 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-001BH 1.0- 2.5



TIME PRINTED: NOV 11,94 15:06

SAMPLE TIME: NOV 11,94 14:59

METHOD

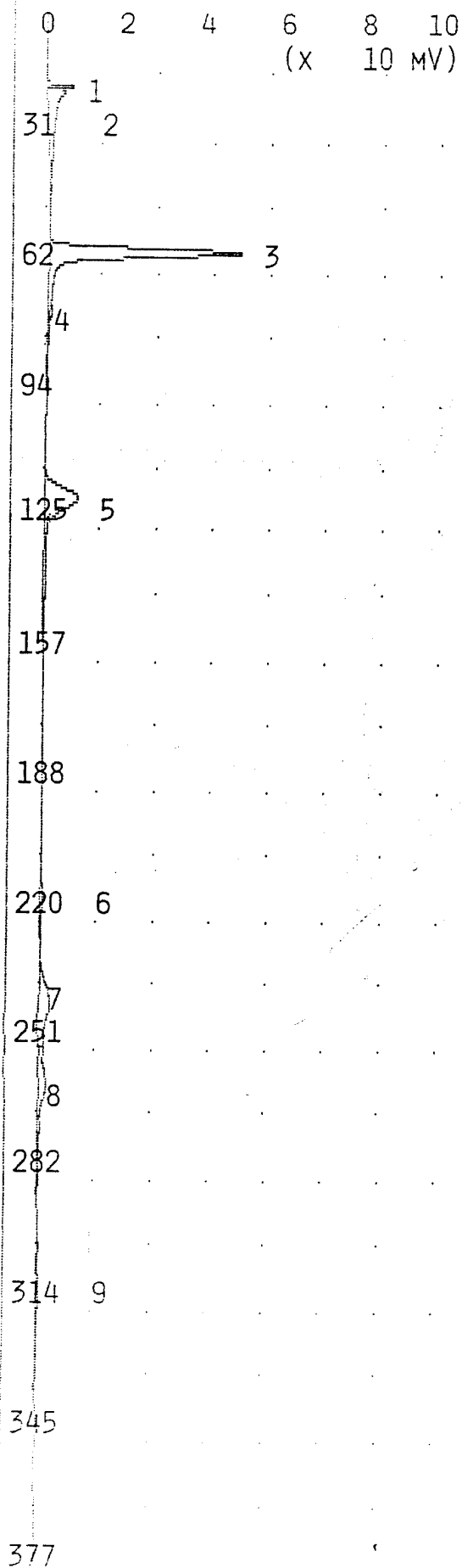
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.944 MVS	16.4
2	UNKNOWN	11.97 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-001BH 4.5- 6.0



TIME PRINTED: NOV 11,94 15:16

SAMPLE TIME: NOV 11,94 15:09

METHOD

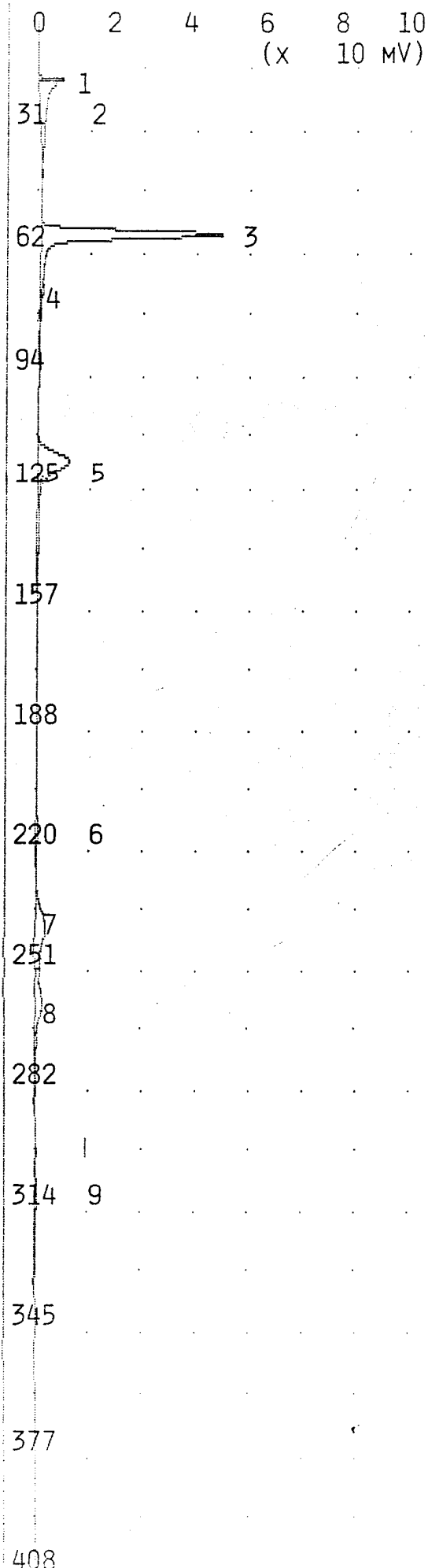
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.425 MVS	15.8
2	UNKNOWN	33.81 MVS	17.3
3	BENZENE	97.07 PPB	55.8
4	UNKNOWN	0.953 MVS	70.2
5	TOLUENE	88.08 PPB	114.1
6	UNKNOWN	3.674 MVS	211.8
7	ETHYLBENZENE	82.55 PPB	238.2
8	MP-XYLENE	158.9 PPB	256.2
9	O-XYLENE	90.06 PPB	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 11,94 15:20

SAMPLE TIME: NOV 11,94 15:09

METHOD

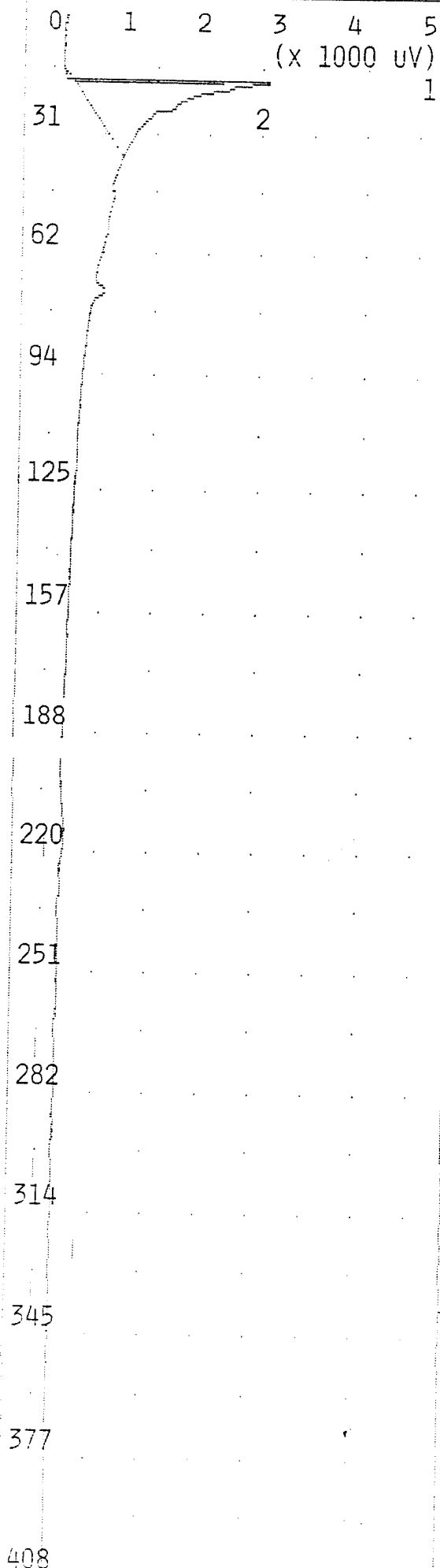
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.425 MVS	15.8
2	UNKNOWN	33.81 MVS	17.3
3	BENZENE	99.99 PPB	55.8
4	UNKNOWN	0.953 MVS	70.2
5	TOLUENE	100.0 PPB	114.1
6	UNKNOWN	3.674 MVS	211.8
7	ETHYLBENZENE	100.0 PPB	238.2
8	MP-XYLENE	200.0 PPB	256.2
9	O-XYLENE	100.0 PPB	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 11,94 15:30

SAMPLE TIME: NOV 11,94 15:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

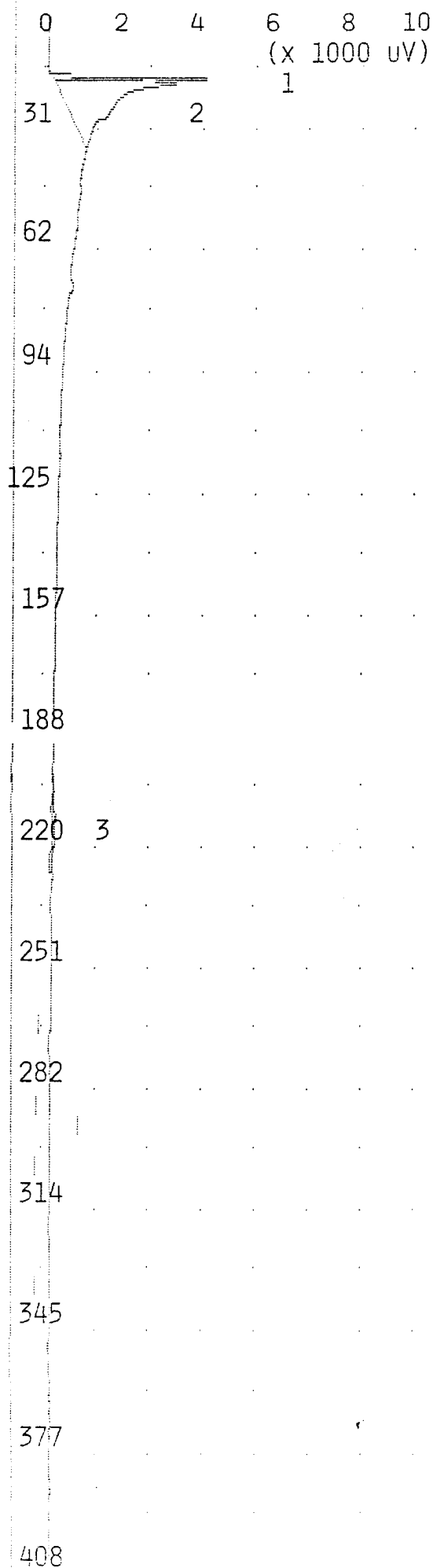
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.506 MVS	15.9
2	UNKNOWN	14.76 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #33

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 15:48

SAMPLE TIME: NOV 11,94 15:40

METHOD

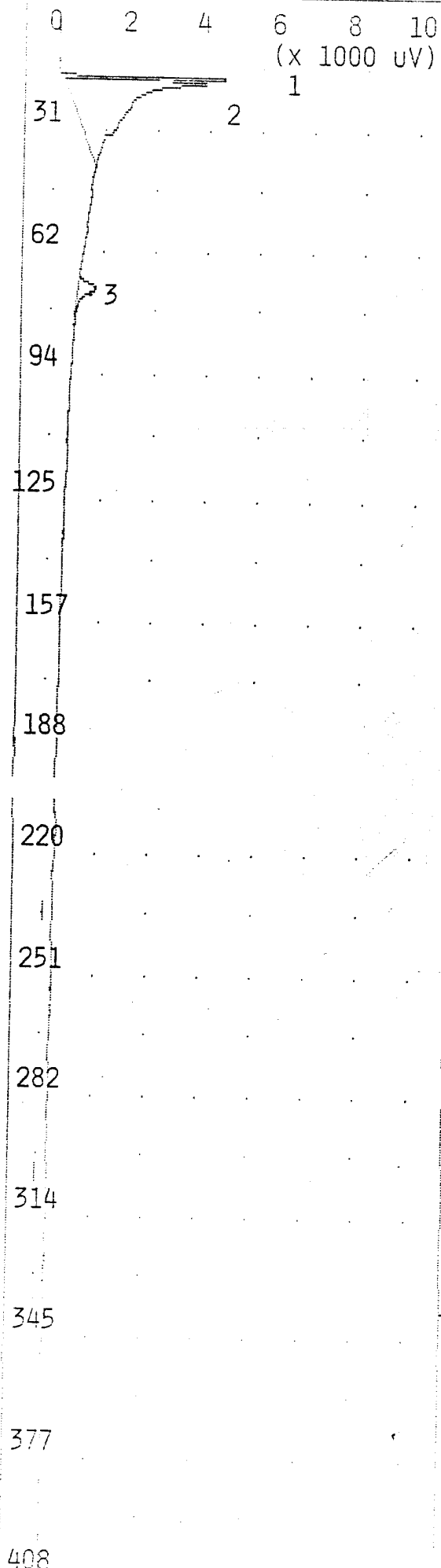
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.045 MVS	15.8
2	UNKNOWN	19.64 MVS	17.2
3	UNKNOWN	0.732 MVS	209.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 1.0- 2.5



TIME PRINTED: NOV 11,94 16:02

SAMPLE TIME: NOV 11,94 15:50

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

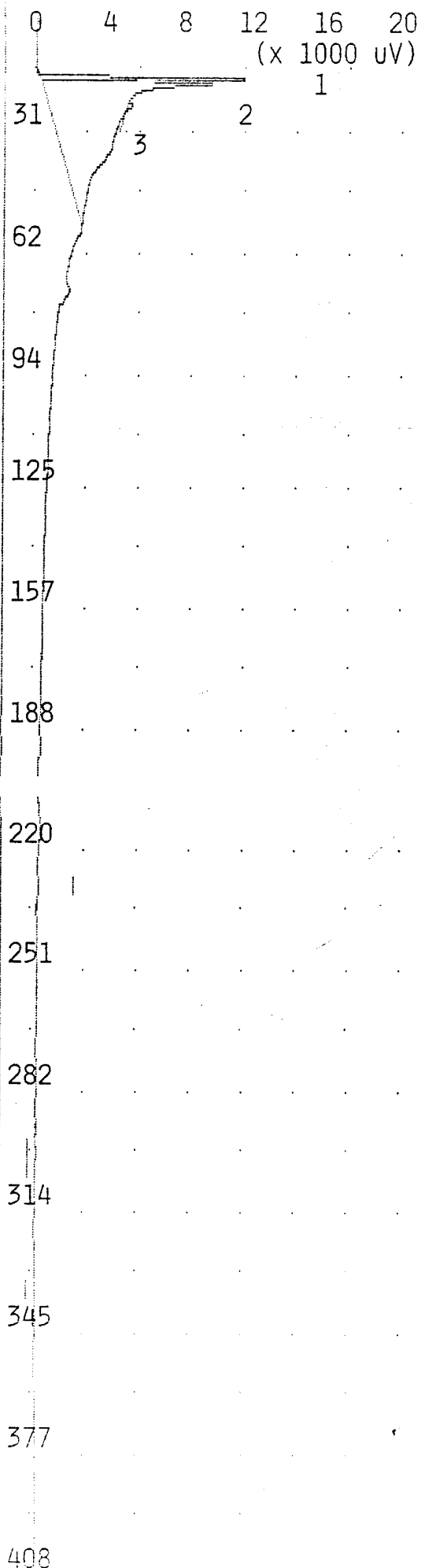
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.247 MVS	15.8
2	UNKNOWN	25.51 MVS	17.2
3	UNKNOWN	1.540 MVS	70.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 4.5- 6.0

ANALYSIS #35 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 16:12

SAMPLE TIME: NOV 11,94 16:05

METHOD

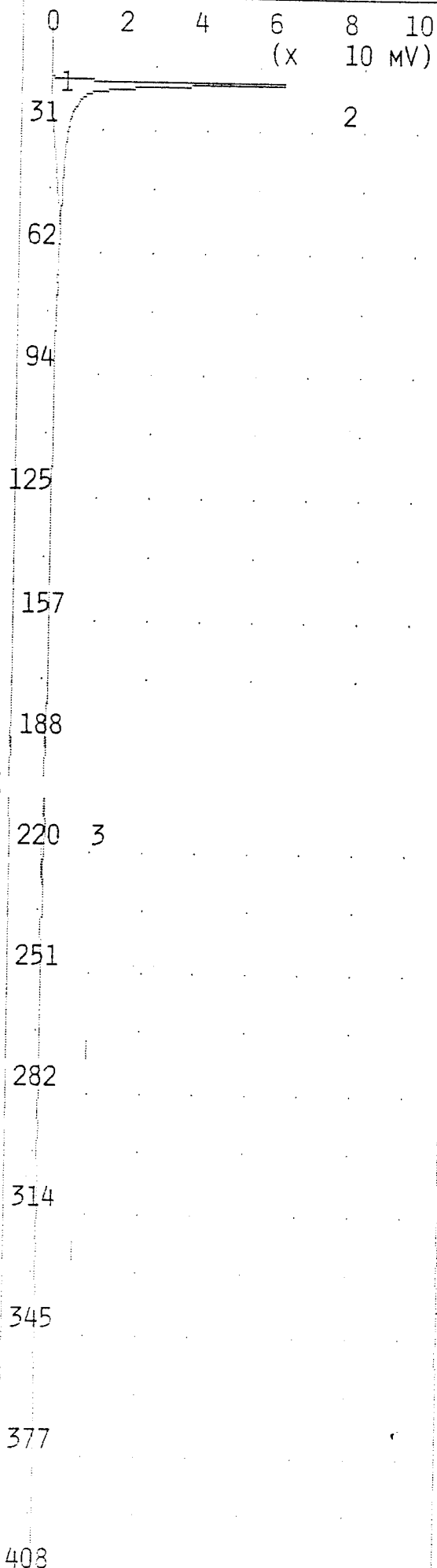
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.65 MVS	15.7
2	UNKNOWN	96.13 MVS	17.2
3	UNKNOWN	0.452 MVS	22.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 8.5-10.0



TIME PRINTED: NOV 11,94 16:22

SAMPLE TIME: NOV 11,94 16:15

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000

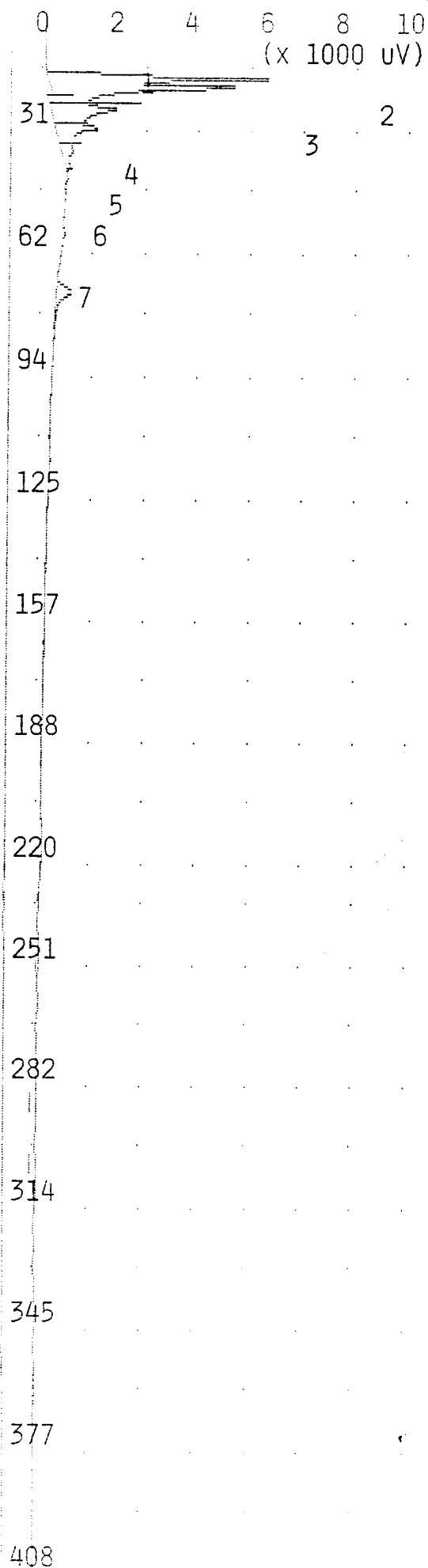
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.023 MVS	14.7
2	UNKNOWN	194.8 MVS	17.2
3	UNKNOWN	6.124 MVS	212.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 13.5-15.0



TIME PRINTED: NOV 11,94 16:33

SAMPLE TIME: NOV 11,94 16:26

METHOD

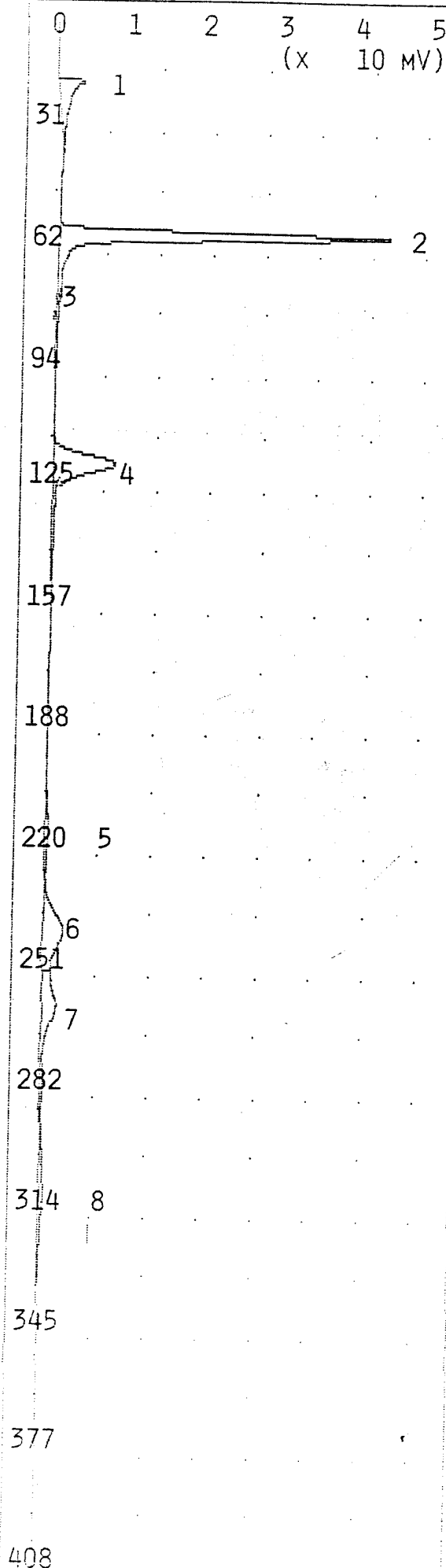
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.141 MVS	14.8
2	UNKNOWN	8.424 MVS	15.7
3	UNKNOWN	11.91 MVS	18.1
4	UNKNOWN	5.627 MVS	23.6
5	UNKNOWN	2.986 MVS	28.9
6	UNKNOWN	0.288 MVS	34.8
7	UNKNOWN	1.290 MVS	70.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 18.5-20.0



TIME PRINTED: NOV 11,94 16:44

SAMPLE TIME: NOV 11,94 16:37

METHOD

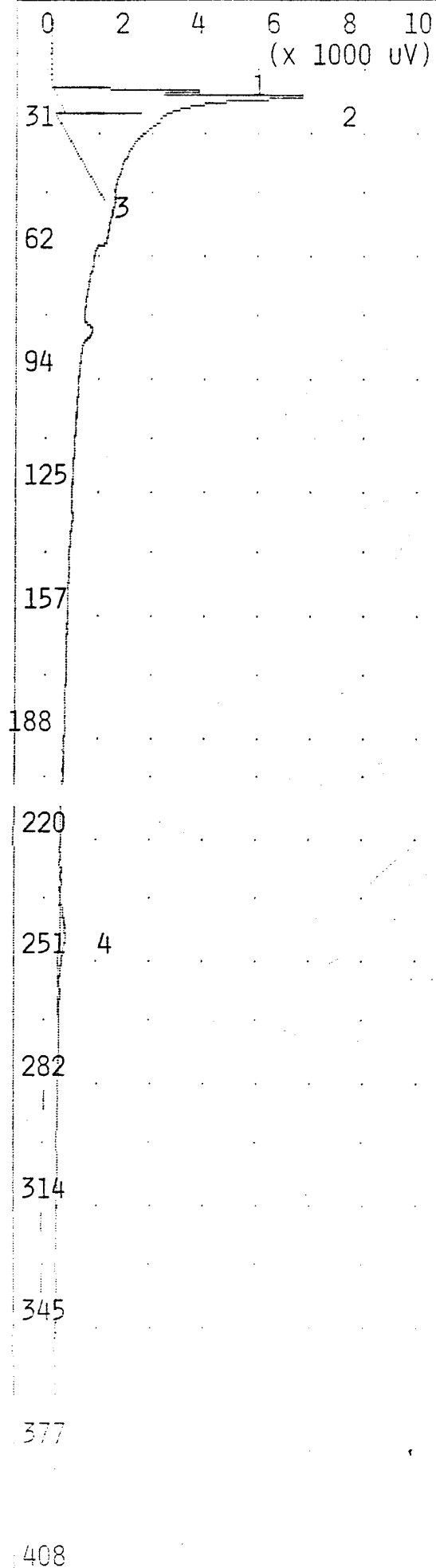
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	20.58 MVS	16.0
2	BENZENE	87.11 PPB	55.9
3	UNKNOWN	0.387 MVS	70.2
4	TOLUENE	93.80 PPB	114.1
5	UNKNOWN	3.907 MVS	211.2
6	ETHYLBENZENE	97.68 PPB	237.8
7	MP-XYLENE	200.0 PPB	256.0
8	O-XYLENE	102.4 PPB	302.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX



TIME PRINTED: NOV 12,94 08:51

SAMPLE TIME: NOV 12,94 08:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	21	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

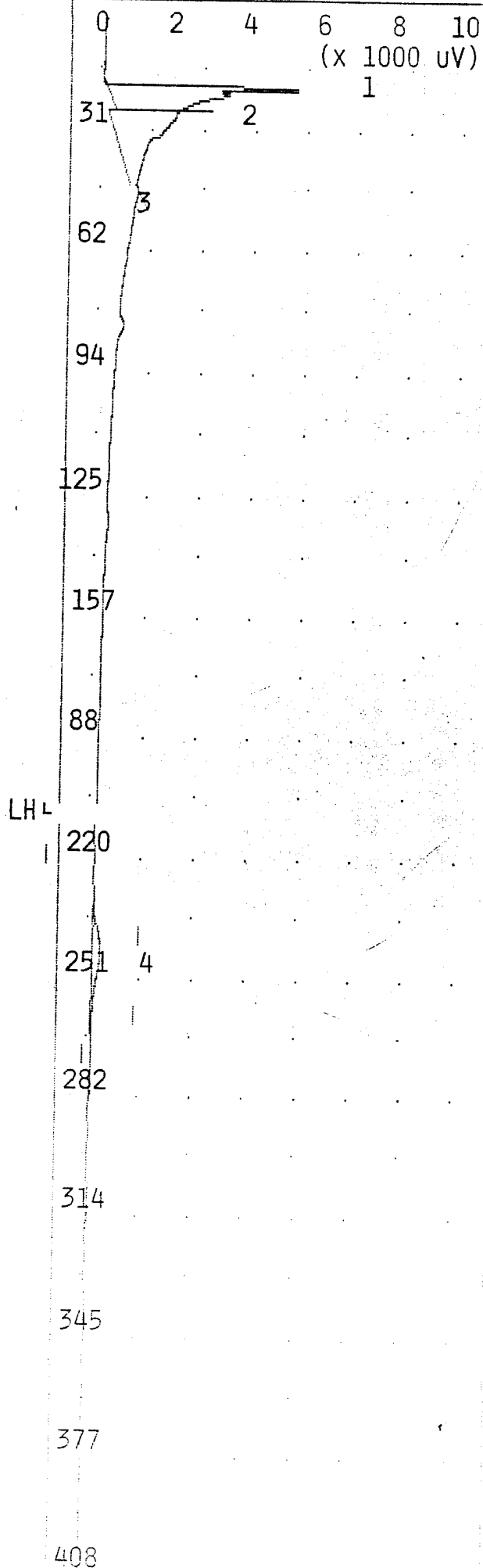
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.270 MVS	18.2
2	UNKNOWN	45.58 MVS	19.9
3	UNKNOWN	0.045 MVS	44.9
4	UNKNOWN	1.935 MVS	243.2

NOTES

ANALYSIS #2

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 09:13

SAMPLE TIME: NOV 12,94 09:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	23	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.478 MVS	18.2
2	UNKNOWN	27.42 MVS	19.9
3	UNKNOWN	0.025 MVS	45.1
4	UNKNOWN	3.009 MVS	242.9

NOTES

0 2 4 6 8 10
(x 1000 uV)

TIME PRINTED: Nov 12,94 09:47

SAMPLE TIME: Nov 12,94 09:16

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 26 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.459 MVS	18.1
2	UNKNOWN	20.00 MVS	19.8

188

220

251

282

314

345

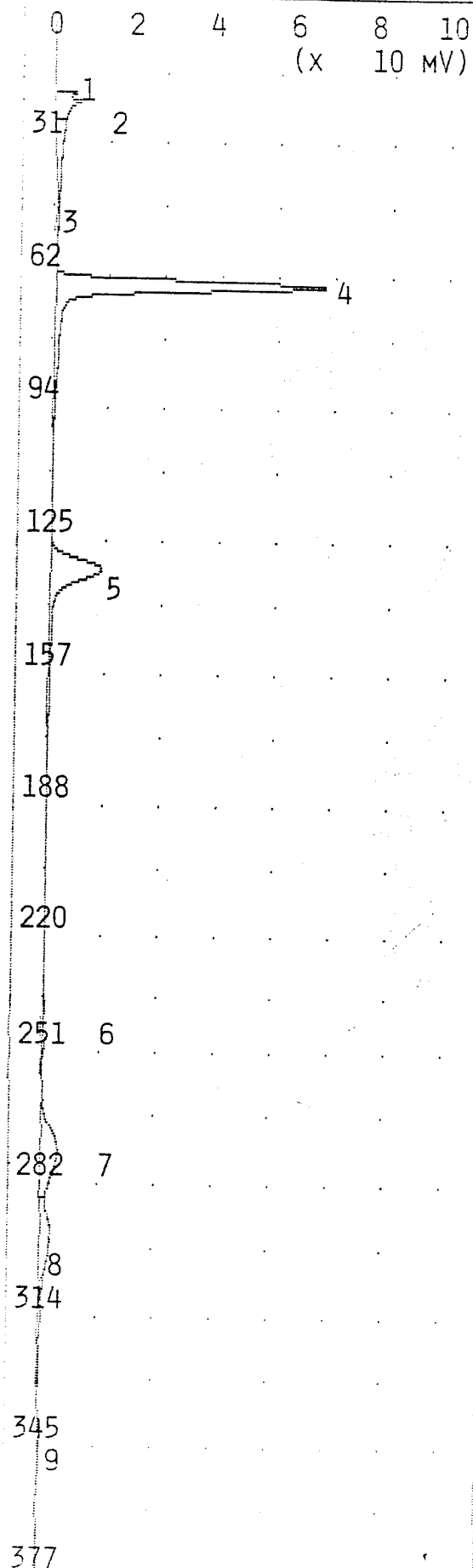
377

408

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX

2,000 PPM BTEX STANDARD SEEMS TO
HAVE GONE FLAT!!!!!!



TIME PRINTED: Nov 12,94 10:04

SAMPLE TIME: Nov 12,94 09:52

METHOD

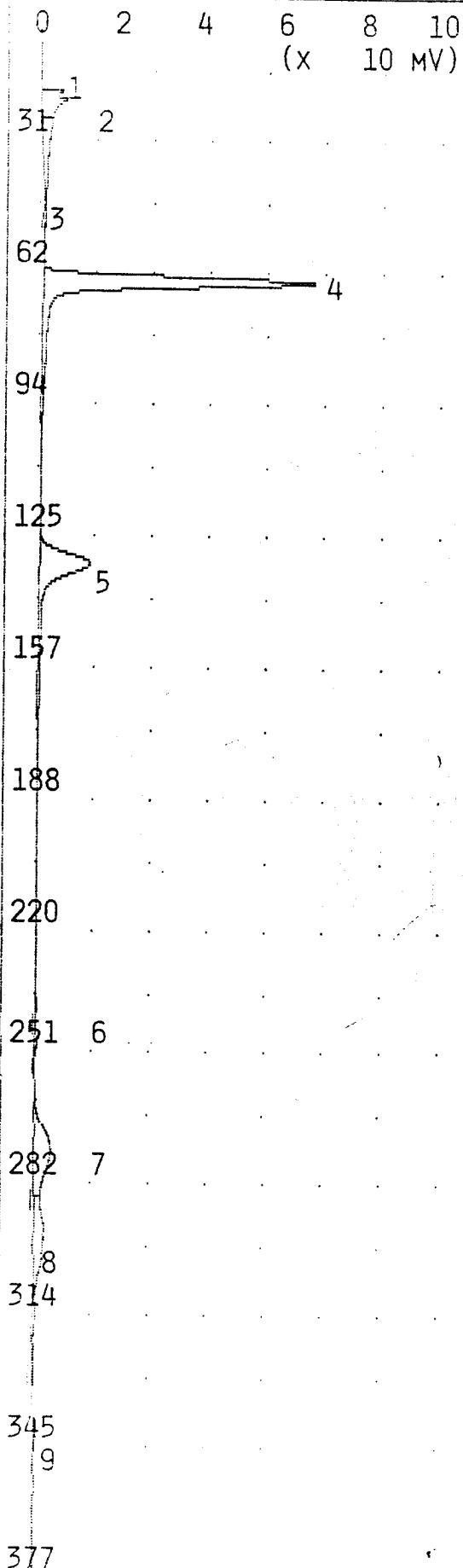
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.457 MVS	17.9
2	UNKNOWN	46.07 MVS	19.8
3	UNKNOWN	0.025 MVS	45.0
4	UNKNOWN	217.6 MVS	63.1
5	UNKNOWN	85.93 MVS	130.4
6	UNKNOWN	4.003 MVS	243.7
7	UNKNOWN	53.54 MVS	273.3
8	UNKNOWN	41.81 MVS	294.1
9	UNKNOWN	6.482 MVS	346.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 12,94 10:11

SAMPLE TIME: NOV 12,94 09:52

METHOD

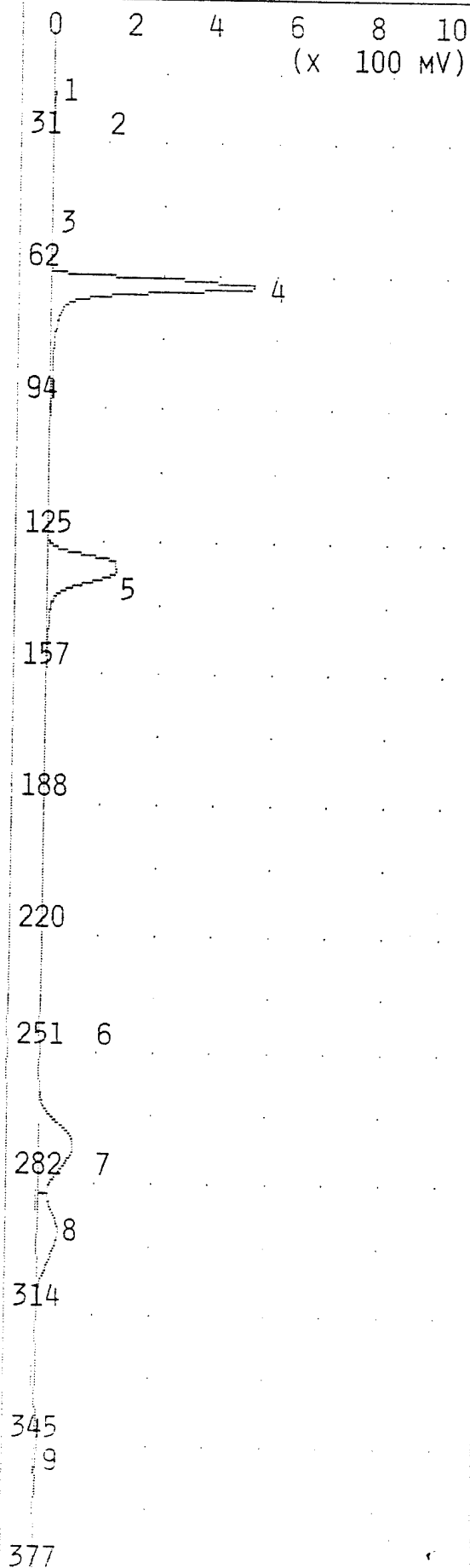
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.457 MVS	17.9
2	UNKNOWN	46.07 MVS	19.8
3	UNKNOWN	0.025 MVS	45.0
4	BENZENE	100.0 PPB	63.1
5	TOLUENE	100.0 PPB	130.4
6	UNKNOWN	4.003 MVS	243.7
7	ETHYLBENZENE	100.0 PPB	273.3
8	MP-XYLENE	200.0 PPB	294.1
9	O-XYLENE	100.0 PPB	346.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: Nov 12,94 10:23

SAMPLE TIME: Nov 12,94 10:15

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

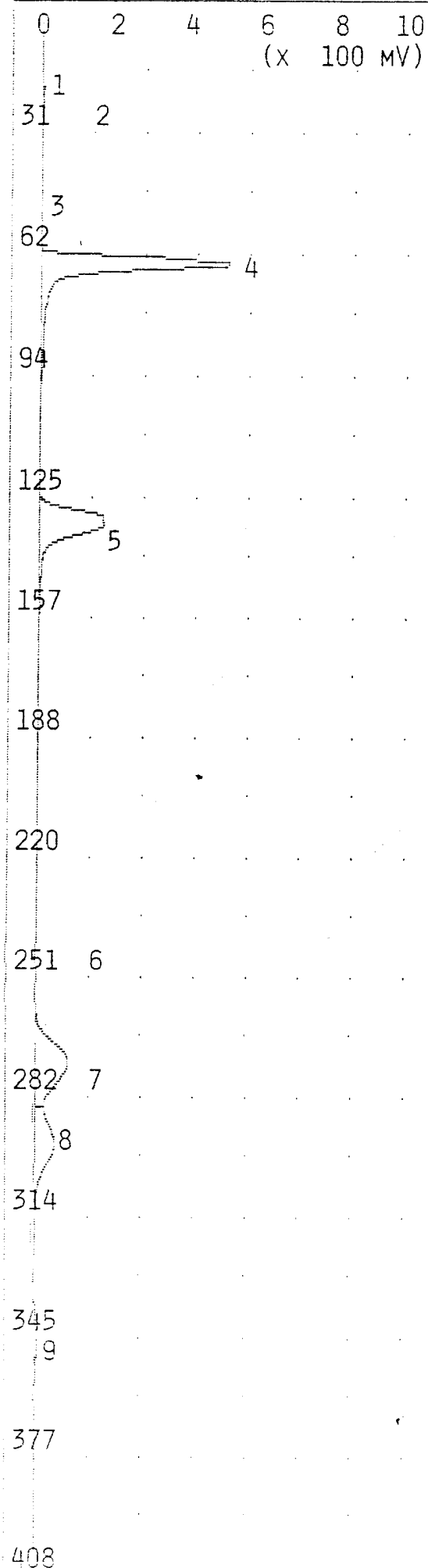
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.202 MVS	17.9
2	UNKNOWN	37.32 MVS	19.6
3	UNKNOWN	0.050 MVS	44.9
4	BENZENE	1.030 PPM	63.4
5	TOLUENE	1.689 PPM	130.5
6	UNKNOWN	1.695 MVS	239.2
7	ETHYLBENZENE	2.201 PPM	271.7
8	MP-XYLENE	3.647 PPM	293.0
9	O-XYLENE	2.105 PPM	345.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 10:28

SAMPLE TIME: NOV 12,94 10:15

METHOD

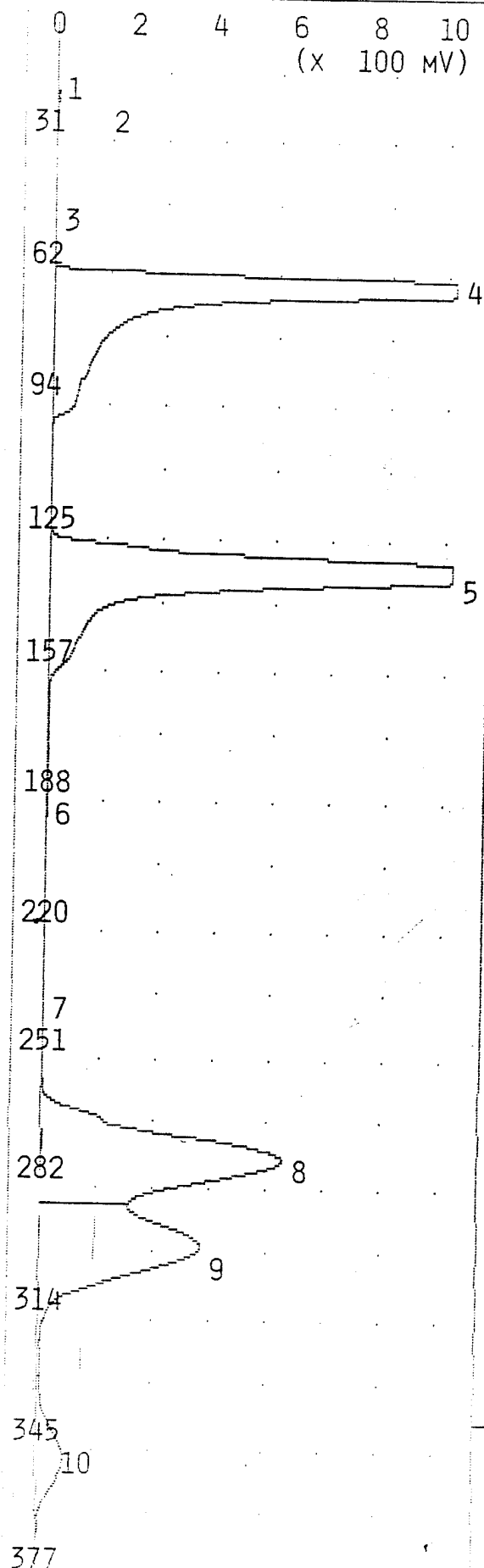
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.202 MVS	17.9
2	UNKNOWN	37.32 MVS	19.6
3	UNKNOWN	0.050 MVS	44.9
4	BENZENE	1.000 PPM	63.4
5	TOLUENE	1.000 PPM	130.5
6	UNKNOWN	1.695 MVS	239.2
7	ETHYLBENZENE	1.000 PPM	271.7
8	MP-XYLENE	2.000 PPM	293.0
9	O-XYLENE	1.007 PPM	345.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX



TIME PRINTED: NOV 12, 94 10:38

SAMPLE TIME: NOV 12, 94 10:31

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 28 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

PEAK REPORT

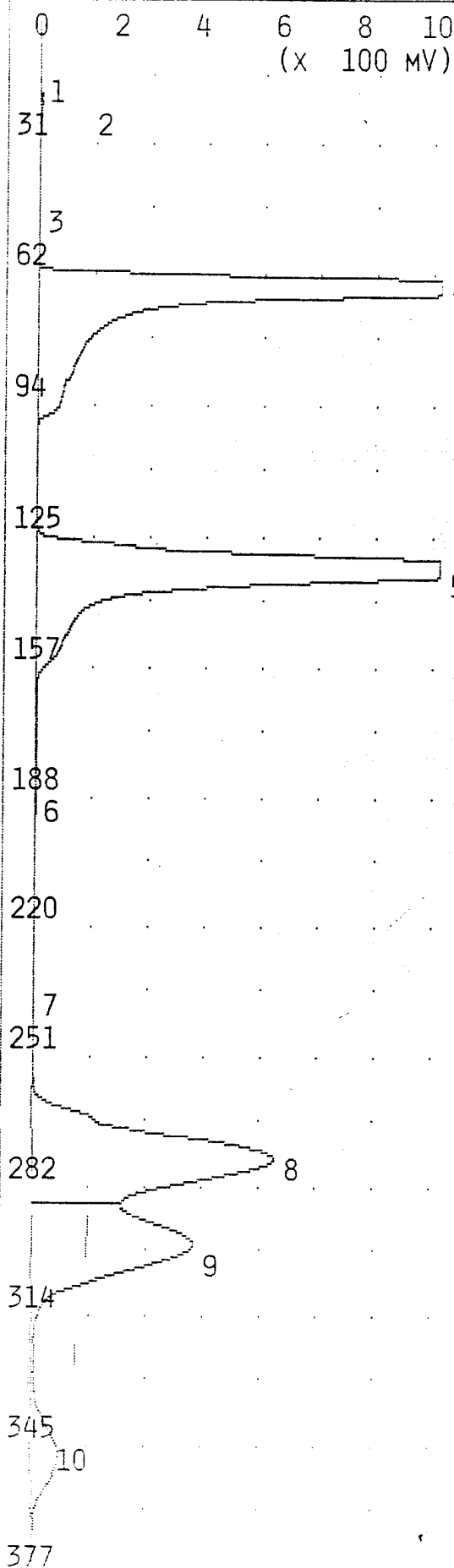
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.234 MVS	17.9
2	UNKNOWN	45.63 MVS	19.7
3	UNKNOWN	0.042 MVS	46.7
4	BENZENE	5.689 PPM	63.4
5	TOLUENE	8.310 PPM	131.0
6	UNKNOWN	1.419 MVS	187.8
7	UNKNOWN	5.737 MVS	237.0
8	ETHYLBENZENE	7.152 PPM	273.6
9	MP-XYLENE	15.97 PPM	294.6
10	O-XYLENE	8.248 PPM	346.0

NOTES

JOE BYRD, JR.
COOS BAY ANG

~~1 PPM BTEX~~ 38

10 PPM BTEX



TIME PRINTED: NOV 12,94 10:43

SAMPLE TIME: NOV 12,94 10:31

METHOD

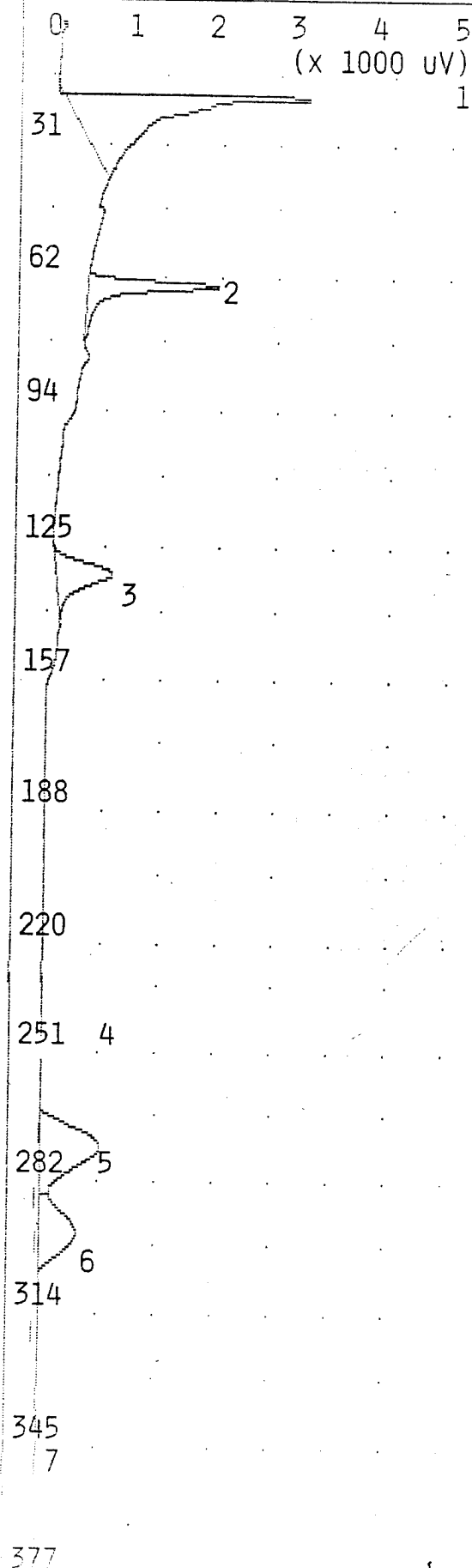
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.234 MVS	17.9
2	UNKNOWN	45.63 MVS	19.7
3	UNKNOWN	0.042 MVS	46.7
4	BENZENE	10.00 PPM	63.4
5	TOLUENE	10.00 PPM	131.0
6	UNKNOWN	1.419 MVS	187.8
7	UNKNOWN	5.737 MVS	237.0
8	ETHYLBENZENE	10.00 PPM	273.6
9	MP-XYLENE	20.00 PPM	294.6
10	O-XYLENE	10.03 PPM	346.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 PPM BTEX



TIME PRINTED: NOV 12,94 10:54

SAMPLE TIME: NOV 12,94 10:47

METHOD

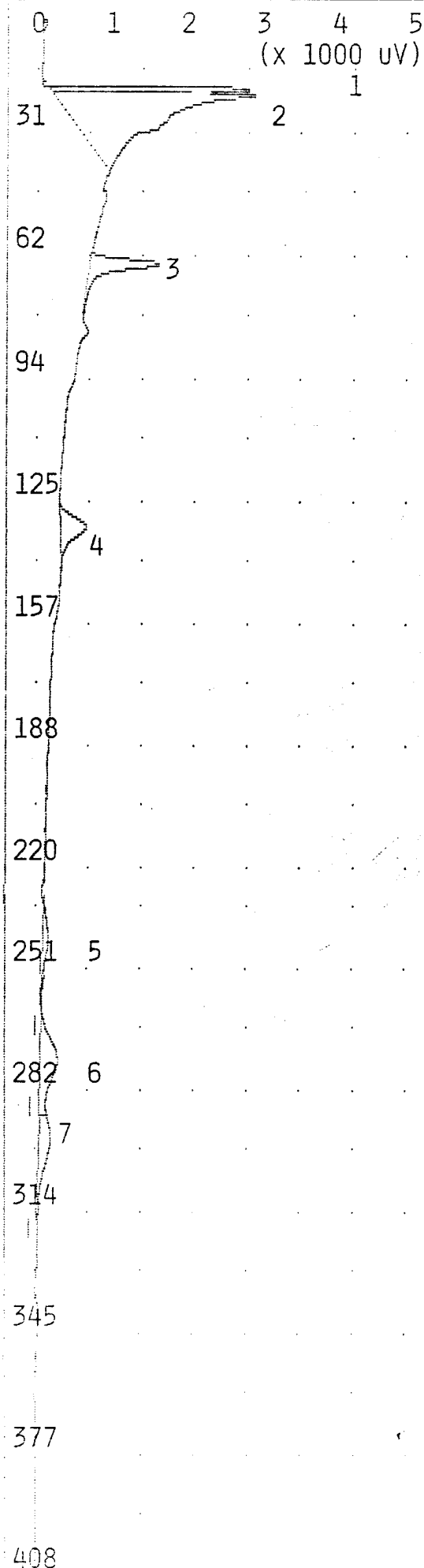
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.61 MVS	18.0
2	BENZENE	2.367 PPB	62.8
3	TOLUENE	5.518 PPB	130.2
4	UNKNOWN	0.973 MVS	241.6
5	ETHYLBENZENE	25.88 PPB	272.5
6	MP-XYLENE	56.20 PPB	293.3
7	O-XYLENE	33.78 PPB	344.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
AIR BLANK



TIME PRINTED: NOV 12,94 11:05

SAMPLE TIME: NOV 12,94 10:57

METHOD

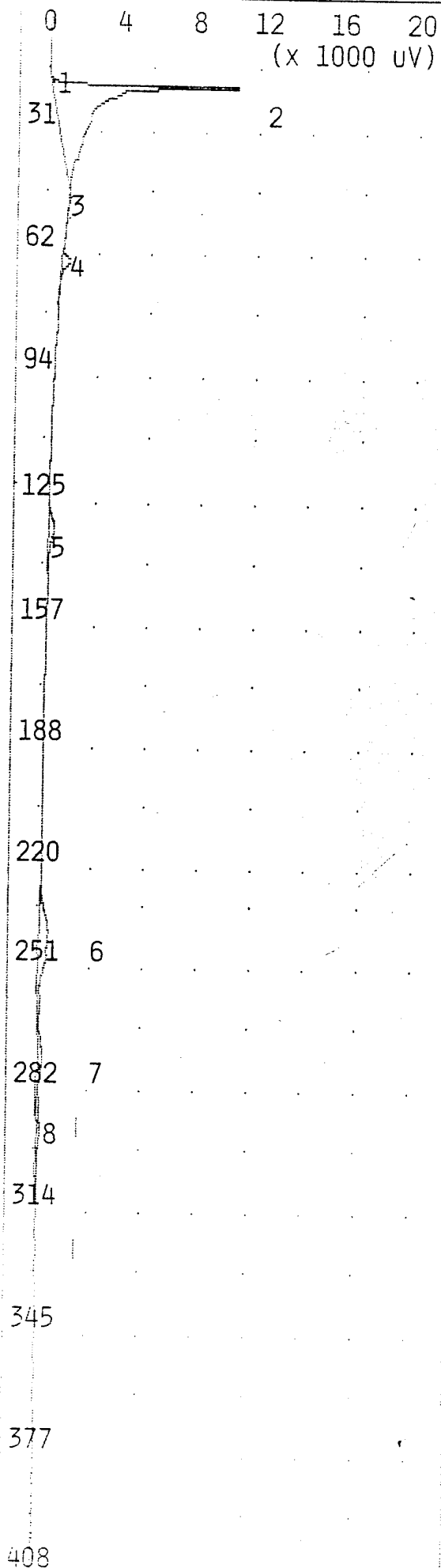
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.855 MVS	18.0
2	UNKNOWN	20.06 MVS	19.8
3	BENZENE	1.392 PPB	63.0
4	TOLUENE	2.849 PPB	129.8
5	UNKNOWN	0.921 MVS	241.0
6	ETHYLBENZENE	6.388 PPB	273.0
7	MP-XYLENE	9.473 PPB	293.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: Nov 12,94 11:32

SAMPLE TIME: Nov 12,94 11:24

METHOD

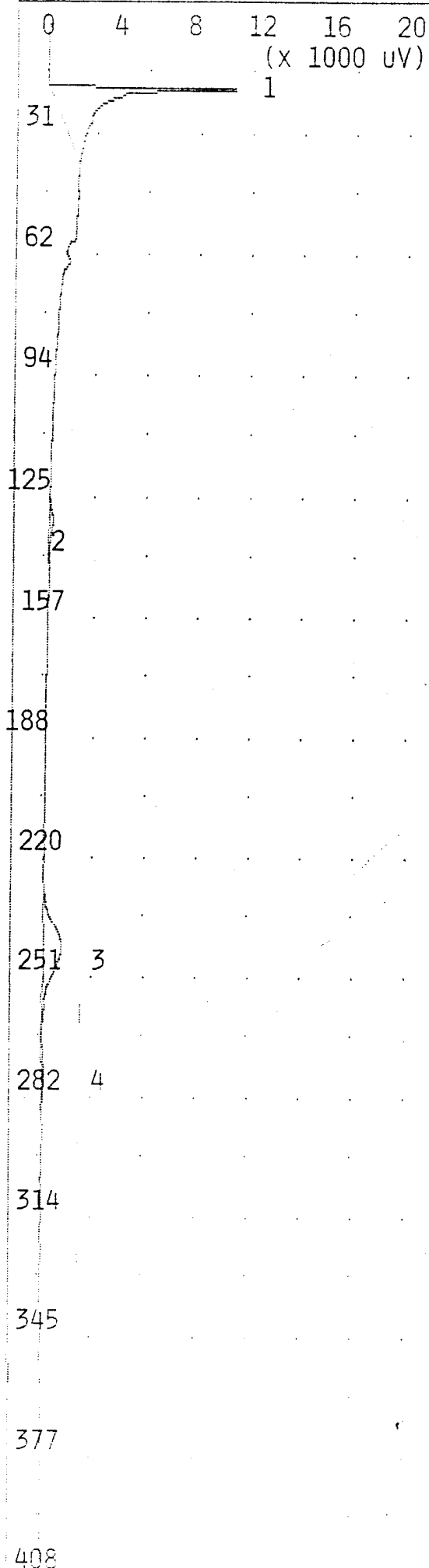
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.374 MVS	16.4
2	UNKNOWN	46.23 MVS	17.9
3	UNKNOWN	0.048 MVS	45.0
4	BENZENE	0.614 PPB	62.9
5	TOLUENE	2.216 PPB	129.6
6	UNKNOWN	7.080 MVS	241.8
7	ETHYLBENZENE	5.059 PPB	272.0
8	MP-XYLENE	5.527 PPB	292.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-003PZ 3.5- 5.0



TIME PRINTED: NOV 12,94 11:42

SAMPLE TIME: NOV 12,94 11:35

METHOD

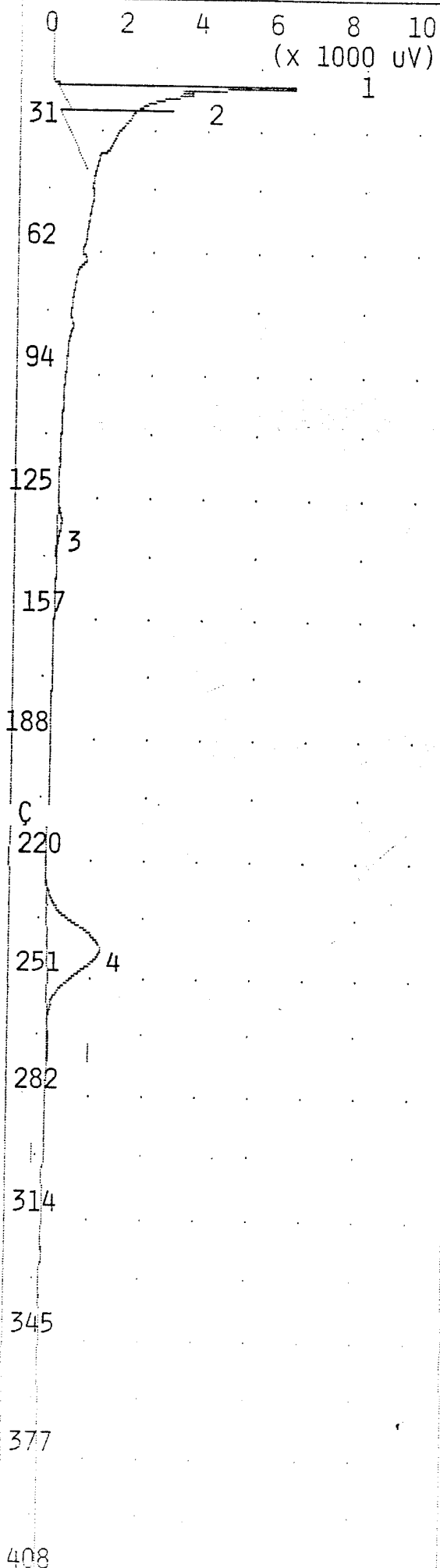
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	39.41 MVS	17.9
2	TOLUENE	1.326 PPB	129.8
3	UNKNOWN	16.15 MVS	241.8
4	ETHYLBENZENE	0.411 PPB	270.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-003PZ 8.5-10.0



TIME PRINTED: NOV 12,94 11:52

SAMPLE TIME: NOV 12,94 11:45

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

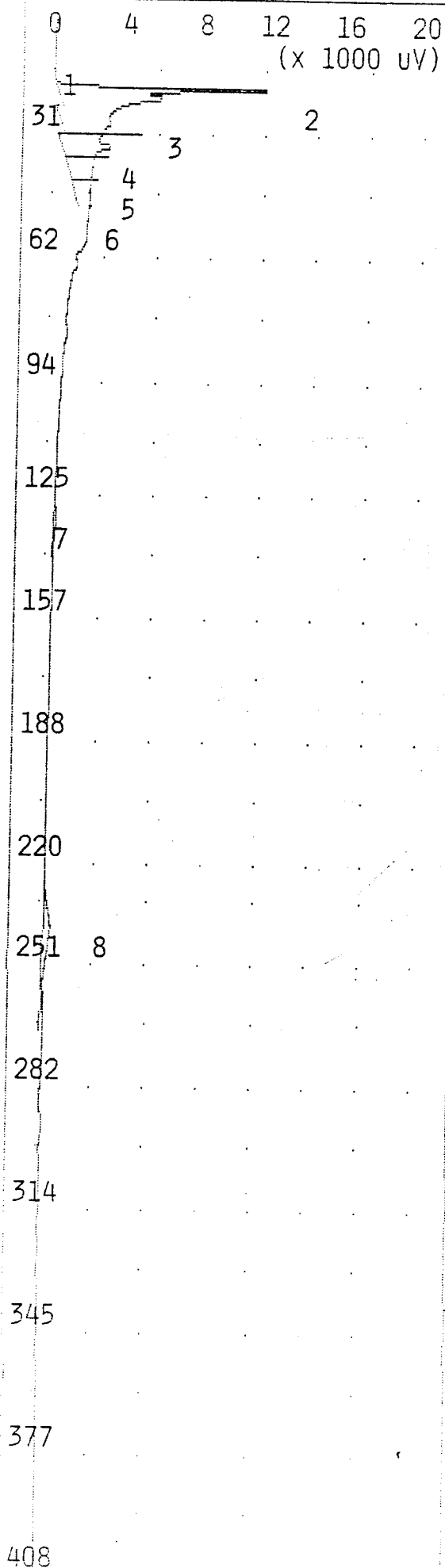
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.229 MVS	18.0
2	UNKNOWN	26.32 MVS	19.7
3	TOLUENE	0.785 PPB	129.3
4	UNKNOWN	22.12 MVS	241.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-003PZ 13.5-15.0

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 12:03
 SAMPLE TIME: NOV 12,94 11:56

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

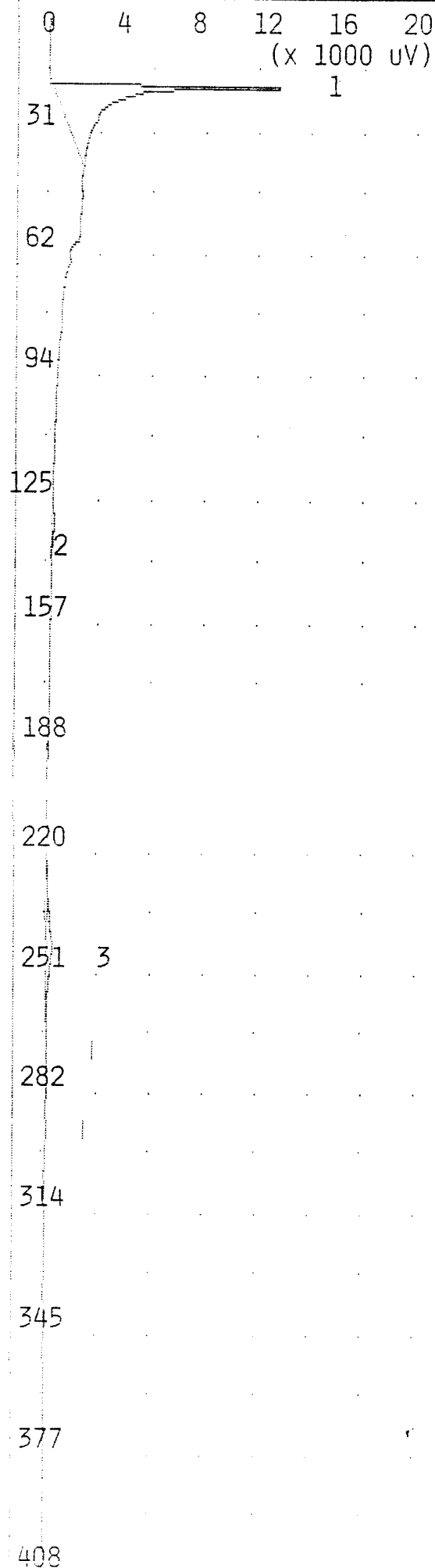
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.165 MVS	16.7
2	UNKNOWN	13.68 MVS	17.8
3	UNKNOWN	23.25 MVS	20.3
4	UNKNOWN	11.65 MVS	26.6
5	UNKNOWN	11.67 MVS	32.6
6	UNKNOWN	0.142 MVS	44.8
7	TOLUENE	0.790 PPB	129.4
8	UNKNOWN	5.298 MVS	241.3

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 CB-003PZ 18.5-20.0

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 12:17

SAMPLE TIME: NOV 12,94 12:09

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

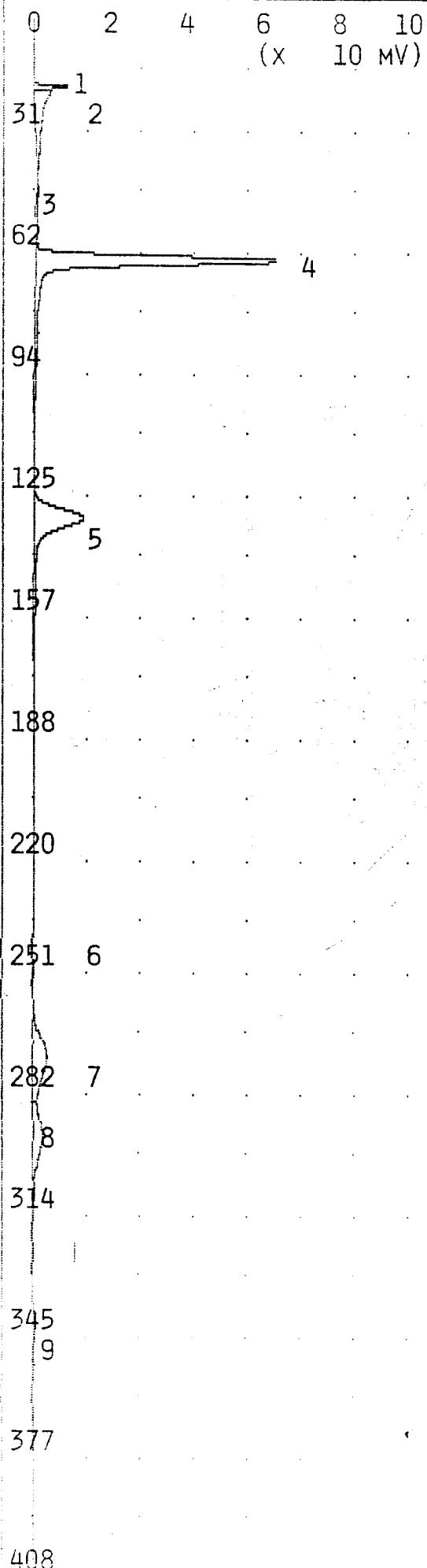
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	44.91 MVS	17.8
2	TOLUENE	0.671 PPB	129.0
3	UNKNOWN	4.292 MVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-003PZ 23.5-24.5



TIME PRINTED: NOV 12,94 12:27

SAMPLE TIME: NOV 12,94 12:20

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

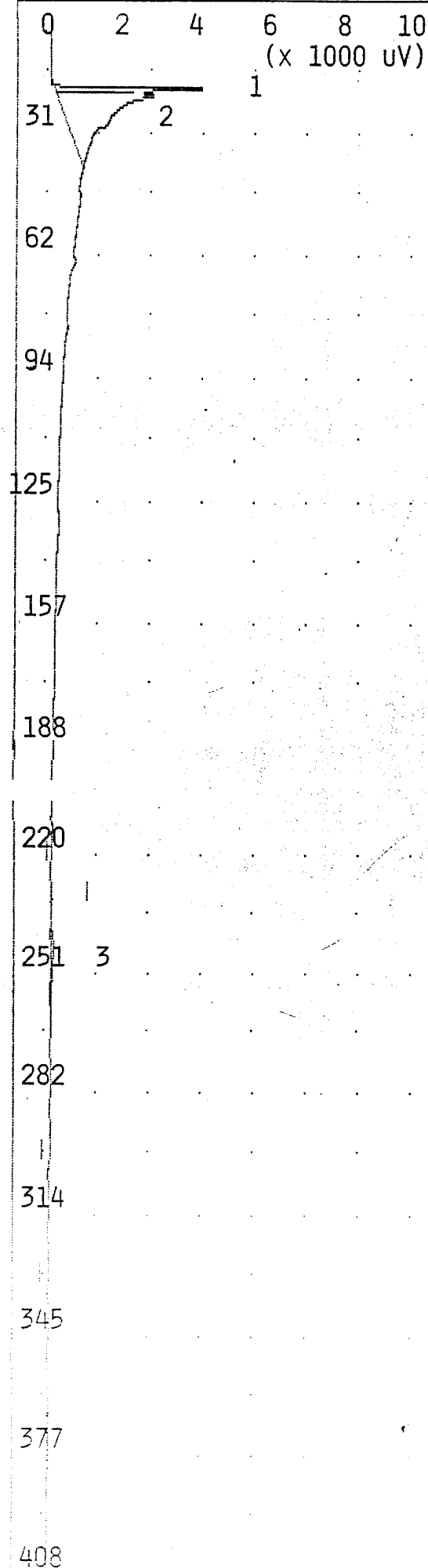
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.874 MVS	17.8
2	UNKNOWN	35.41 MVS	19.6
3	UNKNOWN	0.052 MVS	45.2
4	BENZENE	86.95 PPB	62.7
5	TOLUENE	98.45 PPB	129.4
6	UNKNOWN	3.042 MVS	239.4
7	ETHYLBENZENE	92.69 PPB	271.2
8	MP-XYLENE	188.7 PPB	292.0
9	O-XYLENE	102.5 PPB	345.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 12:37
SAMPLE TIME: Nov 12,94 12:30

METHOD

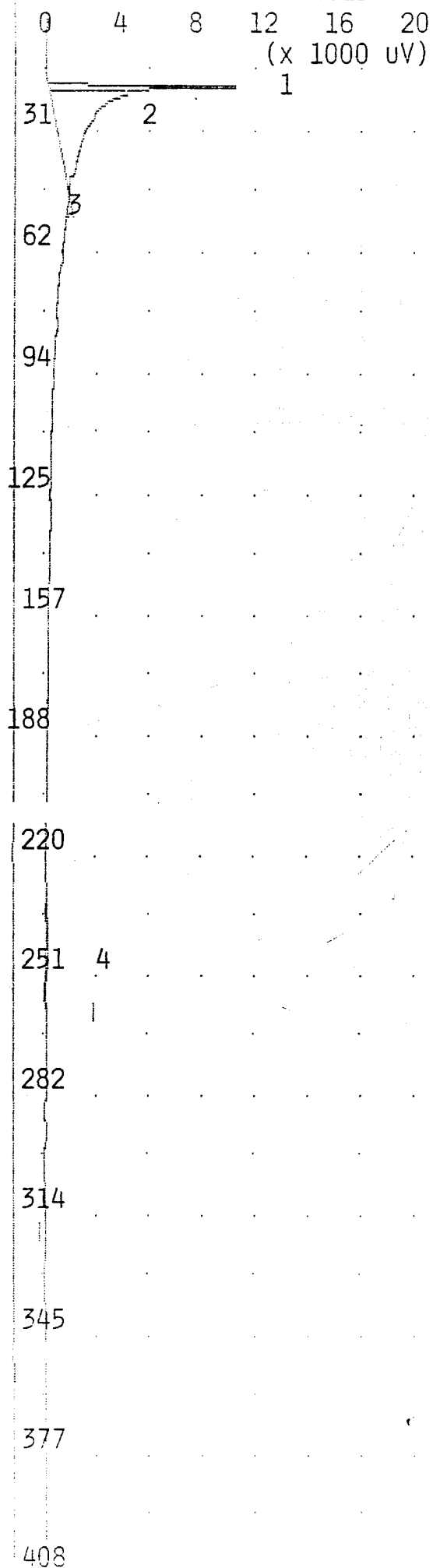
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.777 MVS	17.8
2	UNKNOWN	18.90 MVS	19.6
3	UNKNOWN	0.669 MVS	239.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: NOV 12,94 12:47

SAMPLE TIME: NOV 12,94 12:40

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

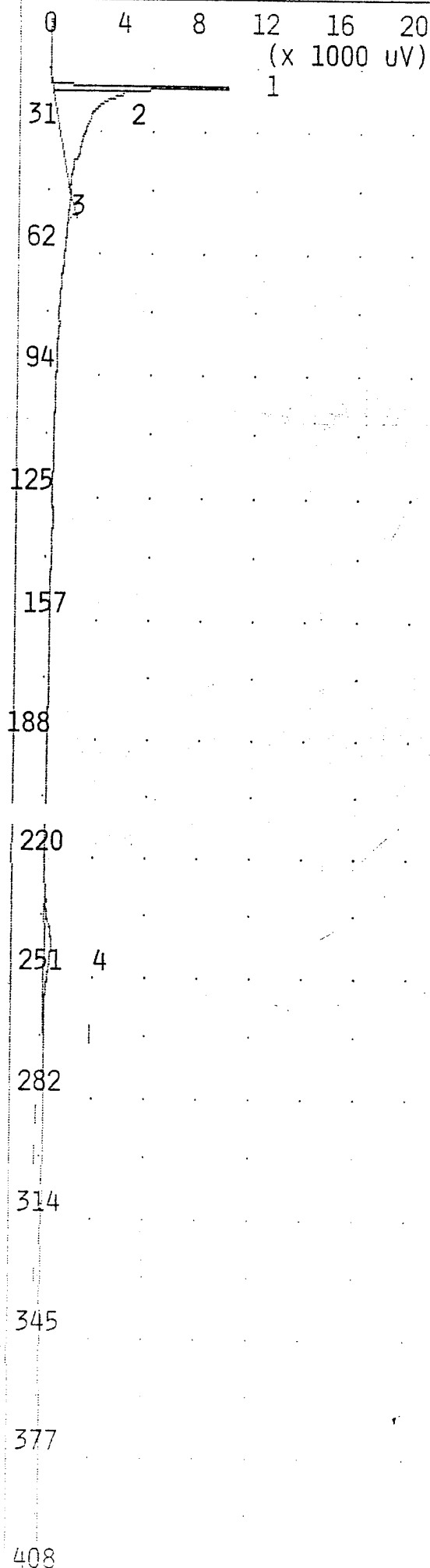
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	12.08 MVS	17.8
2	UNKNOWN	39.36 MVS	19.5
3	UNKNOWN	0.158 MVS	44.7
4	UNKNOWN	1.431 MVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 1.0- 2.5

ANALYSIS #17

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 12:59

SAMPLE TIME: Nov 12,94 12:52

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.27 MVS	17.8
2	UNKNOWN	33.34 MVS	19.5
3	UNKNOWN	0.125 MVS	44.9
4	UNKNOWN	5.118 MVS	240.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 8.5-10.0

0 2 4 6 8 10
(x 1000 uV)

TIME PRINTED: Nov 12,94 13:10

SAMPLE TIME: Nov 12,94 13:02

METHOD

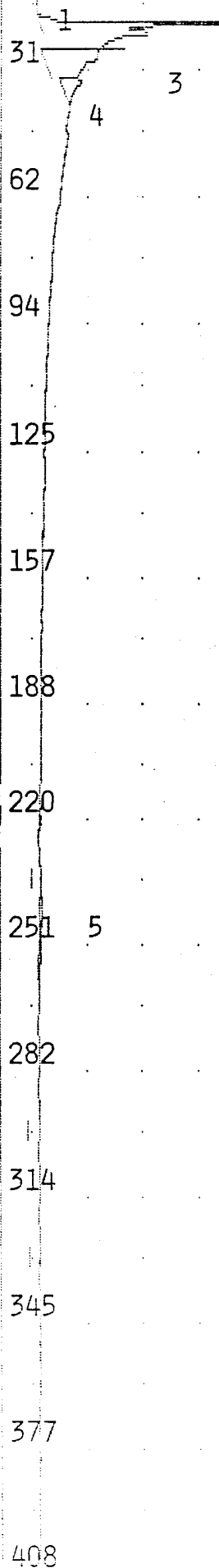
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

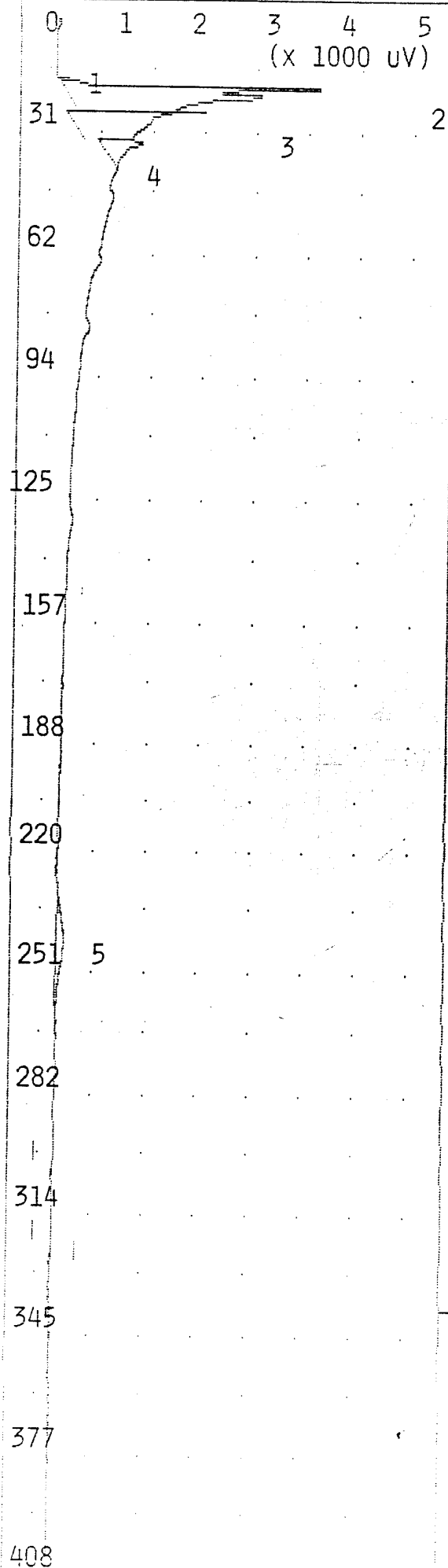
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.295 MVS	16.4
2	UNKNOWN	5.918 MVS	17.8
3	UNKNOWN	16.58 MVS	20.2
4	UNKNOWN	1.802 MVS	32.6
5	UNKNOWN	0.649 MVS	239.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 13.5-14.0





TIME PRINTED: NOV 12,94 13:20

SAMPLE TIME: NOV 12,94 13:13

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

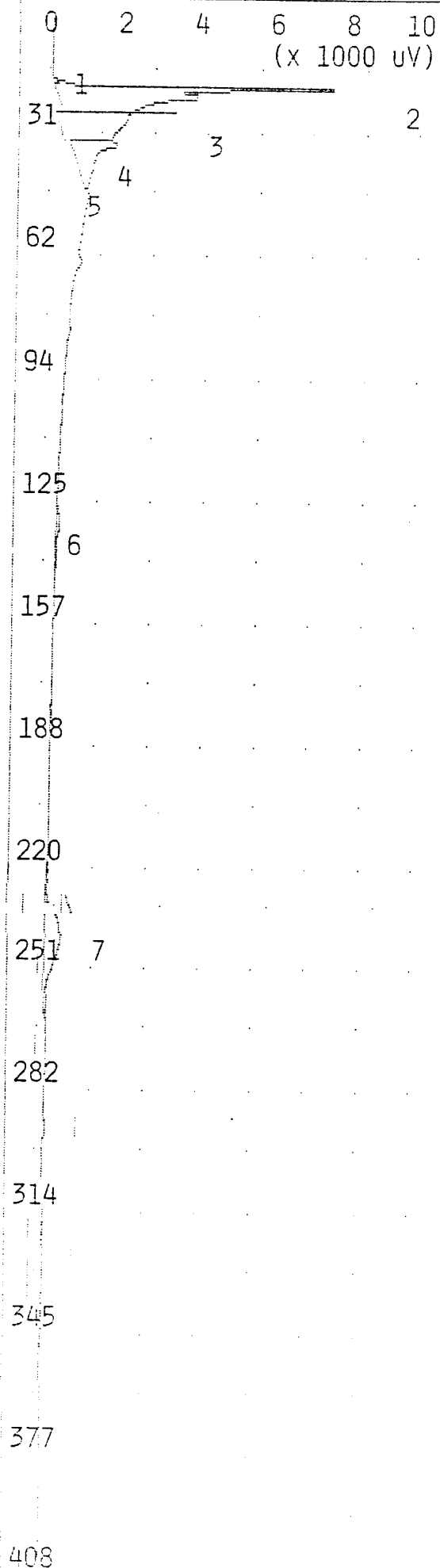
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.294 MVS	16.4
2	UNKNOWN	4.433 MVS	17.8
3	UNKNOWN	15.70 MVS	20.1
4	UNKNOWN	1.862 MVS	32.4
5	UNKNOWN	1.423 MVS	242.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 18.5-19.0

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 13:31

SAMPLE TIME: Nov 12,94 13:23

METHOD

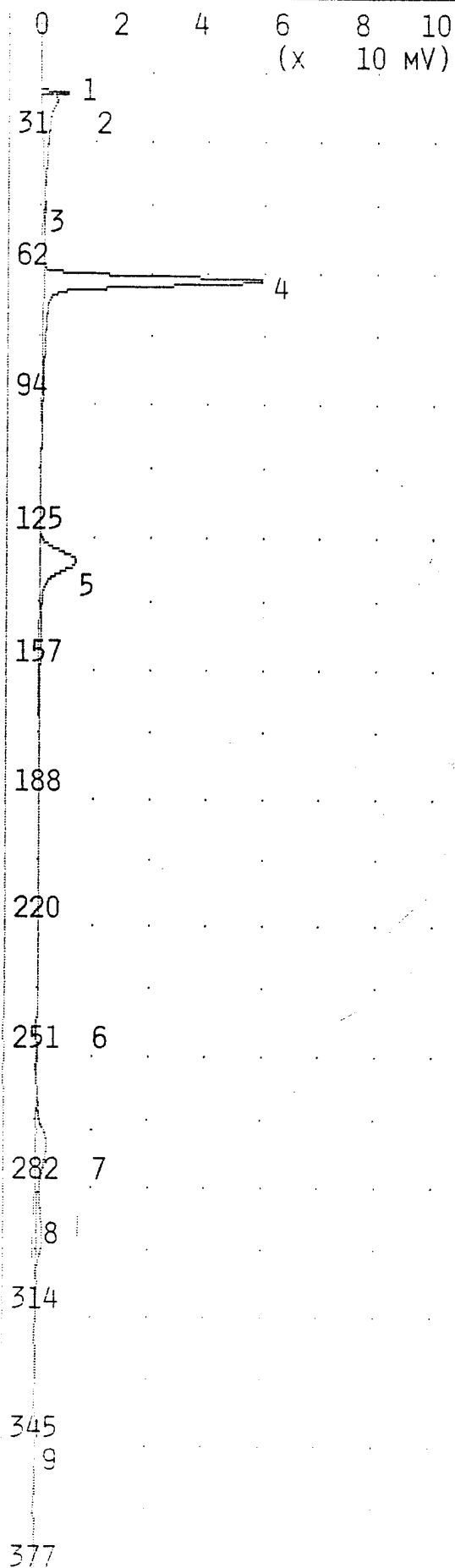
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.266 MVS	16.6
2	UNKNOWN	9.311 MVS	17.9
3	UNKNOWN	25.26 MVS	20.2
4	UNKNOWN	6.798 MVS	32.5
5	UNKNOWN	0.263 MVS	45.2
6	TOLUENE	0.542 PPB	129.2
7	UNKNOWN	5.865 MVS	240.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 28.5-29.0



TIME PRINTED: NOV 12,94 13:41

SAMPLE TIME: NOV 12,94 13:34

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.957 MVS	17.7
2	UNKNOWN	36.96 MVS	19.5
3	UNKNOWN	0.049 MVS	45.2
4	BENZENE	76.75 PPB	62.6
5	TOLUENE	71.92 PPB	129.2
6	UNKNOWN	2.443 MVS	240.5
7	ETHYLBENZENE	59.79 PPB	270.6
8	MP-XYLENE	114.0 PPB	291.7
9	O-XYLENE	65.68 PPB	343.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 12,94 13:45

SAMPLE TIME: NOV 12,94 13:34

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.957 MVS	17.7
2	UNKNOWN	36.96 MVS	19.5
3	UNKNOWN	0.049 MVS	45.2
4	BENZENE	100.0 PPB	62.6
5	TOLUENE	100.0 PPB	129.2
6	UNKNOWN	2.443 MVS	240.5
7	ETHYLBENZENE	99.99 PPB	270.6
8	MP-XYLENE	200.0 PPB	291.7
9	O-XYLENE	100.0 PPB	343.6

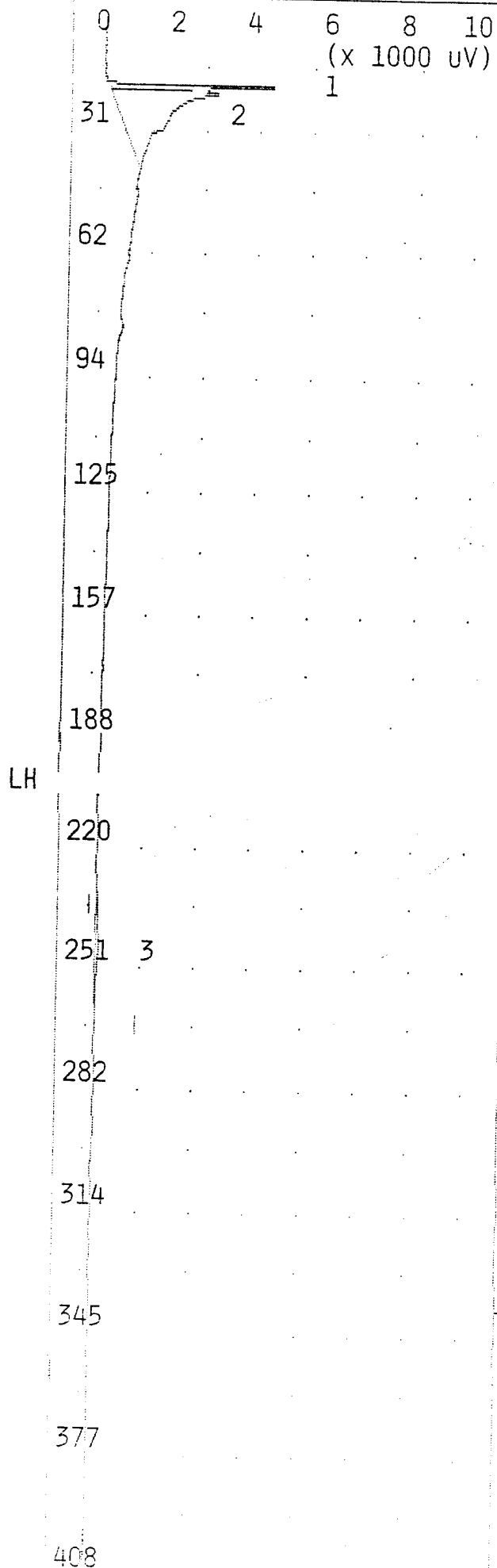
NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

31 1
2
3
62 4
94
125 5
157
188
220
251 6
282 7
8
314
345 9
377
408

ANALYSIS #22

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 13:57

SAMPLE TIME: NOV 12,94 13:50

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

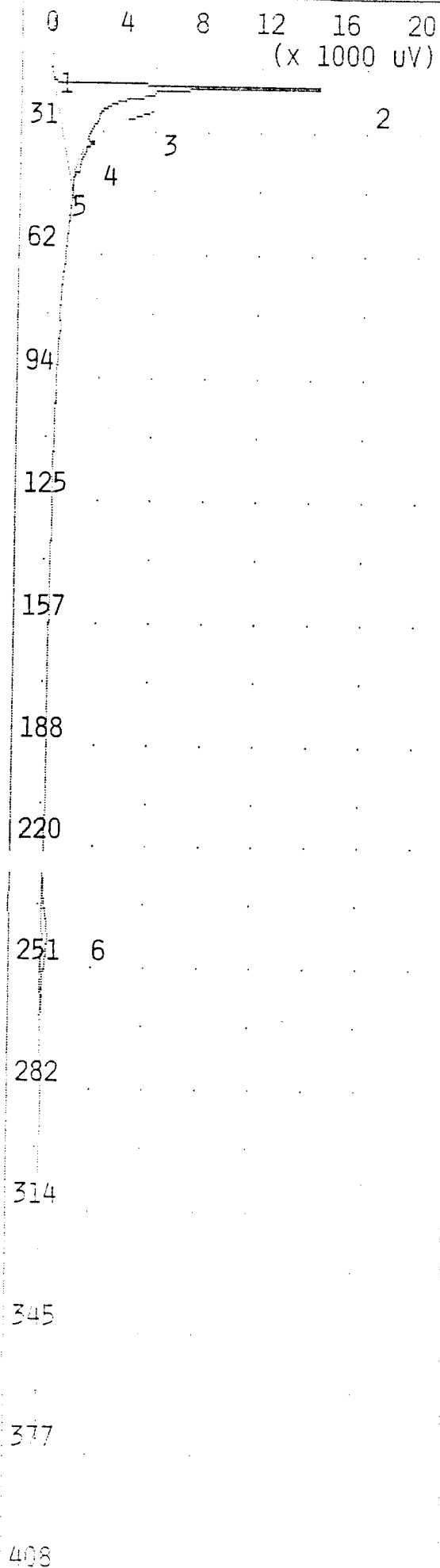
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.975 MVS	17.8
2	UNKNOWN	21.26 MVS	19.5
3	UNKNOWN	0.988 MVS	242.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #23

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 14:08

SAMPLE TIME: NOV 12,94 14:00

METHOD

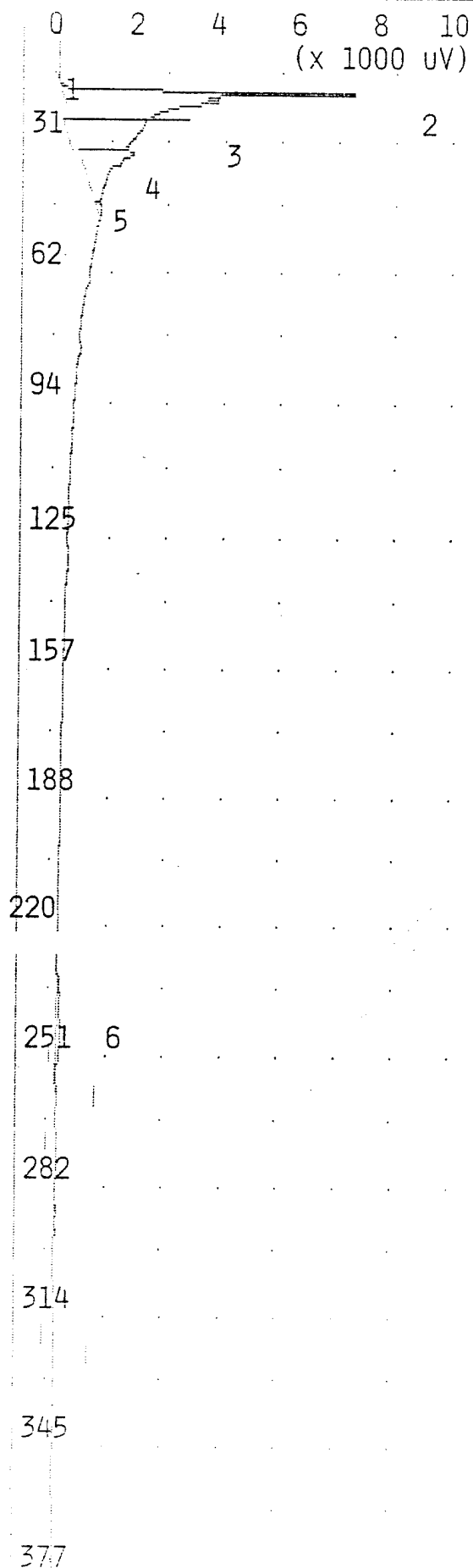
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.206 MVS	16.4
2	UNKNOWN	58.42 MVS	17.8
3	UNKNOWN	0.935 MVS	19.4
4	UNKNOWN	1.455 MVS	32.4
5	UNKNOWN	0.025 MVS	45.0
6	UNKNOWN	3.951 MVS	239.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 33.5-34.0



TIME PRINTED: NOV 12,94 14:18

SAMPLE TIME: NOV 12,94 14:11

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.176 MVS	16.3
2	UNKNOWN	9.065 MVS	17.7
3	UNKNOWN	26.30 MVS	19.5
4	UNKNOWN	7.863 MVS	32.4
5	UNKNOWN	0.401 MVS	45.1
6	UNKNOWN	1.325 MVS	240.2

NOTES

JOE BYRD, JR.
COOS BAY AN S
CB-004PZ 38.5-39.0

0 4 8 12 16 20
(x 1000 uV)

TIME PRINTED: NOV 12,94 14:28

SAMPLE TIME: NOV 12,94 14:21

METHOD

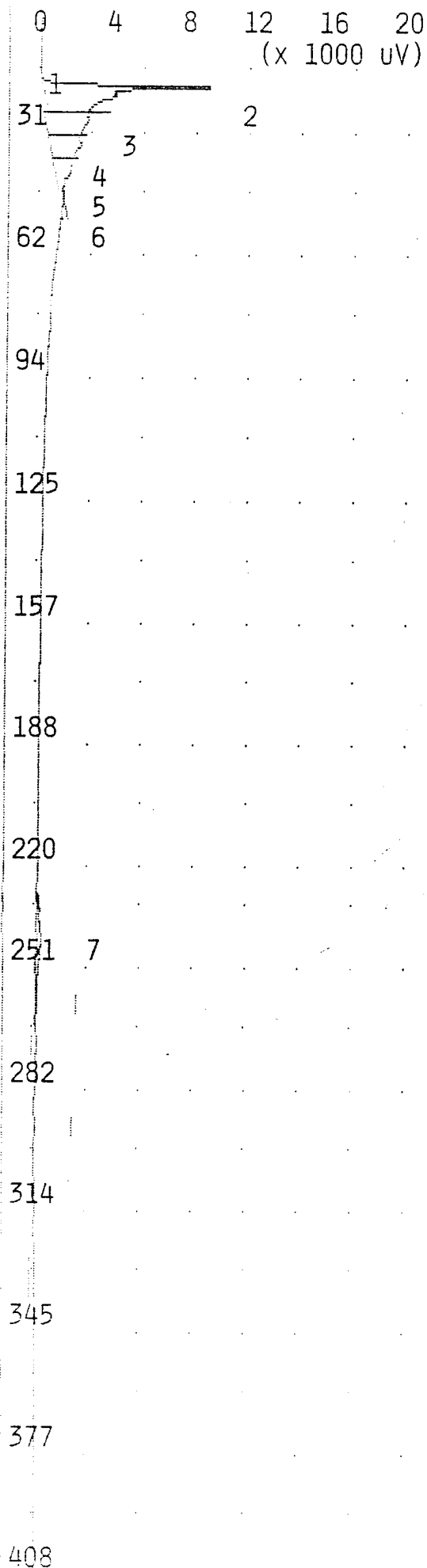
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.402 MVS	16.4
2	UNKNOWN	11.26 MVS	17.7
3	UNKNOWN	17.86 MVS	19.5
4	UNKNOWN	11.53 MVS	25.9
5	UNKNOWN	10.14 MVS	32.4
6	UNKNOWN	0.158 MVS	44.8
7	UNKNOWN	3.633 MVS	240.5

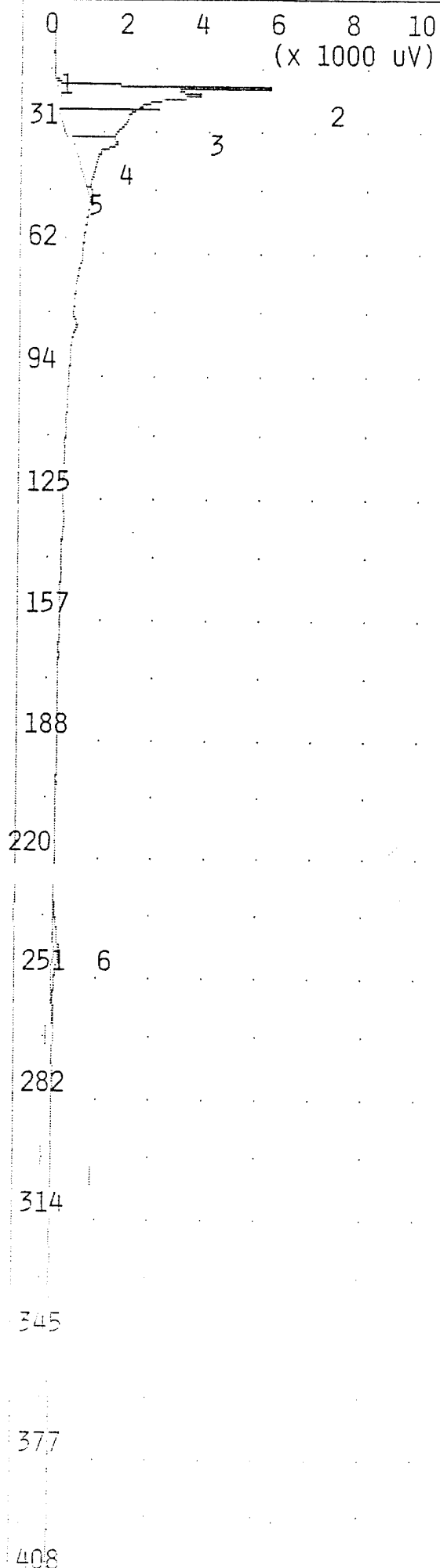
NOTES

JOE BYRD, JR.
COOS BAY ANS
CB-004PZ ~~34.75~~-44.0
43.5



ANALYSIS #26

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 14:39

SAMPLE TIME: NOV 12,94 14:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.162 MVS	16.3
2	UNKNOWN	6.872 MVS	17.7
3	UNKNOWN	25.26 MVS	19.5
4	UNKNOWN	6.773 MVS	32.4
5	UNKNOWN	0.297 MVS	45.9
6	UNKNOWN	1.905 MVS	240.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 48.5-49.0

ANALYSIS #27

10S+ GC FUNCTION ANALYSIS REPORT

TIME PRINTED: NOV 12,94 14:49

SAMPLE TIME: NOV 12,94 14:41

METHOD

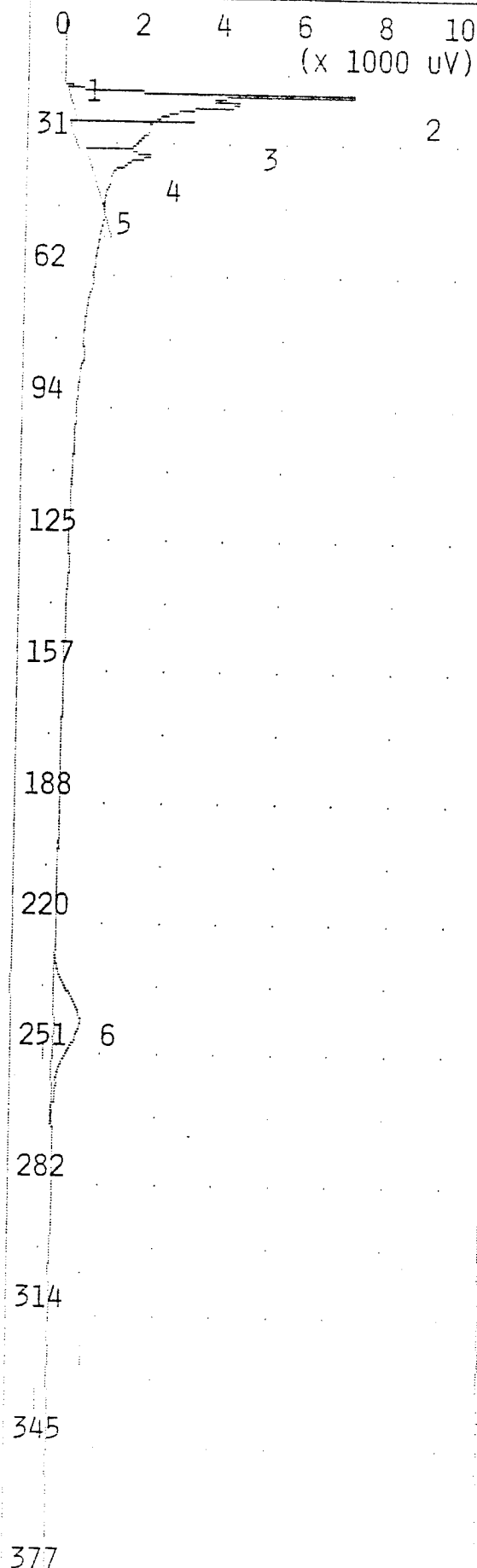
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

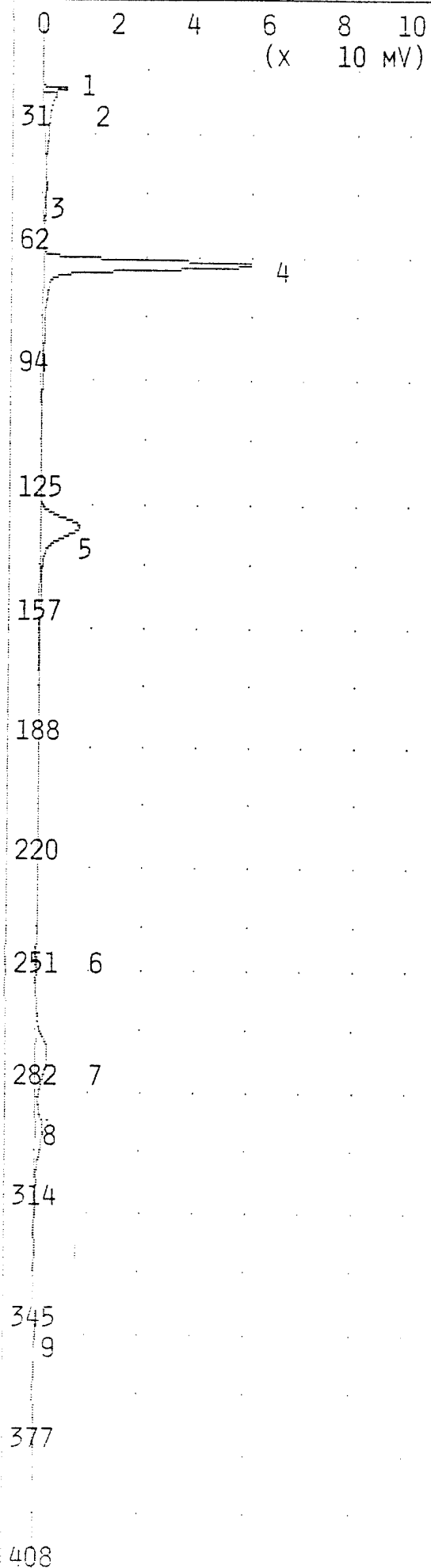
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.429 MVS	16.4
2	UNKNOWN	8.569 MVS	17.8
3	UNKNOWN	26.98 MVS	20.2
4	UNKNOWN	7.652 MVS	32.4
5	UNKNOWN	0.107 MVS	45.0
6	UNKNOWN	10.18 MVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 58.5-59.0





TIME PRINTED: NOV 12,94 14:59

SAMPLE TIME: NOV 12,94 14:52

METHOD

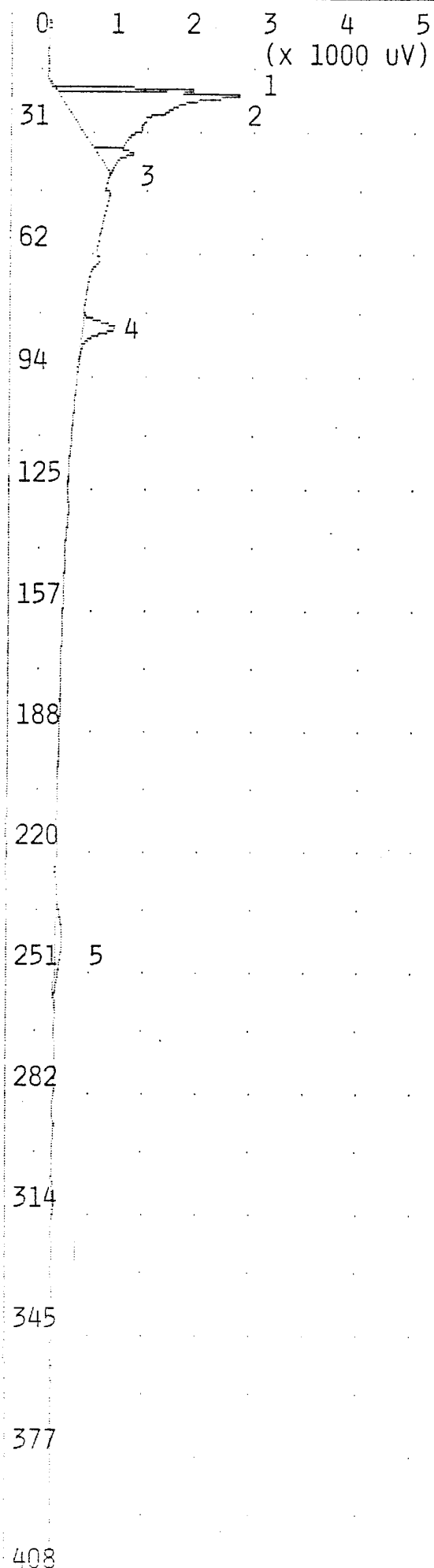
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.484 MVS	17.8
2	UNKNOWN	29.58 MVS	19.6
3	UNKNOWN	0.100 MVS	44.8
4	BENZENE	100.7 PPB	62.6
5	TOLUENE	105.5 PPB	129.3
6	UNKNOWN	3.033 MVS	241.8
7	ETHYLBENZENE	106.0 PPB	270.9
8	MP-XYLENE	218.1 PPB	291.4
9	O-XYLENE	108.5 PPB	342.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX



TIME PRINTED: NOV 12,94 15:09

SAMPLE TIME: NOV 12,94 15:02

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

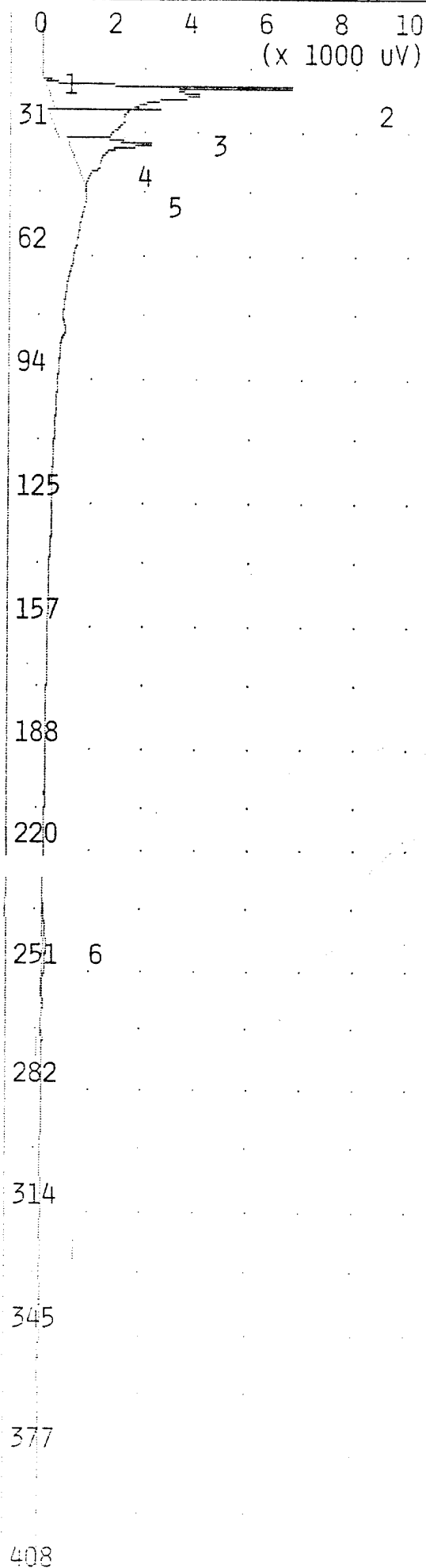
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.146 MVS	18.0
2	UNKNOWN	16.23 MVS	19.8
3	UNKNOWN	1.532 MVS	34.8
4	UNKNOWN	1.555 MVS	79.6
5	UNKNOWN	1.158 MVS	239.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #30 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 15:19

SAMPLE TIME: NOV 12,94 15:12

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

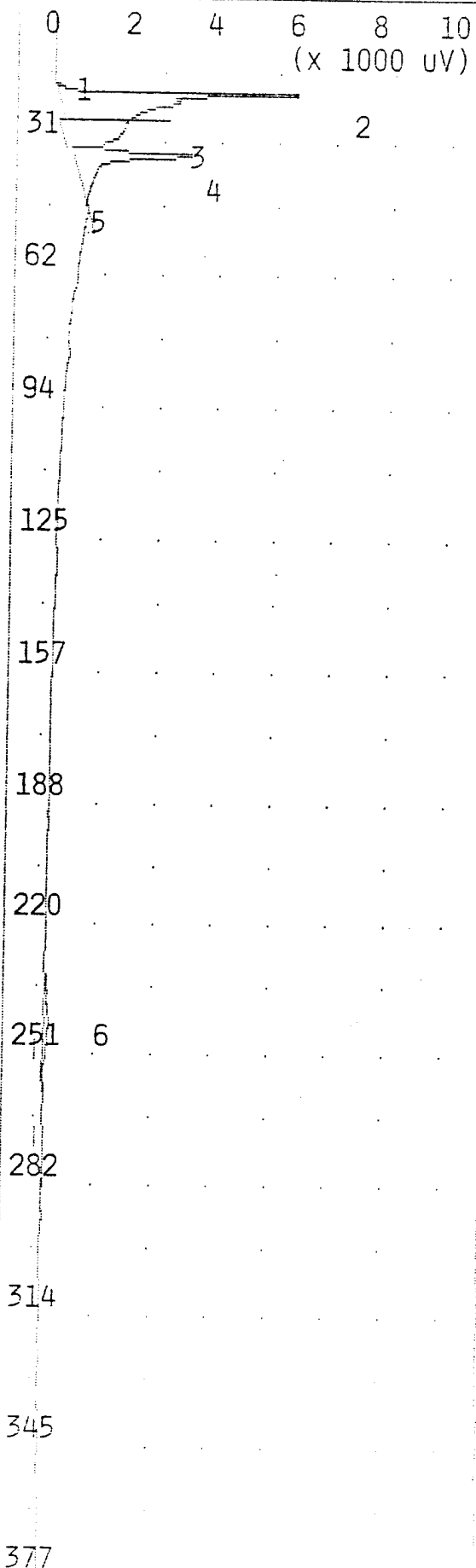
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.403 MVS	16.4
2	UNKNOWN	7.733 MVS	17.6
3	UNKNOWN	26.52 MVS	19.5
4	UNKNOWN	0.178 MVS	26.1
5	UNKNOWN	9.500 MVS	32.4
6	UNKNOWN	1.046 MVS	240.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 63.5-64.0

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 15:30

SAMPLE TIME: Nov 12,94 15:22

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 31 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.248 MVS	16.4
2	UNKNOWN	7.497 MVS	17.8
3	UNKNOWN	20.08 MVS	19.6
4	UNKNOWN	8.989 MVS	32.5
5	UNKNOWN	0.027 MVS	45.1
6	UNKNOWN	1.477 MVS	238.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 CB-004PZ 68.5-69.0

0 4 8 12 16 20
(x 1000 UV)

TIME PRINTED: NOV 12,94 15:40

SAMPLE TIME: NOV 12,94 15:32

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 31 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

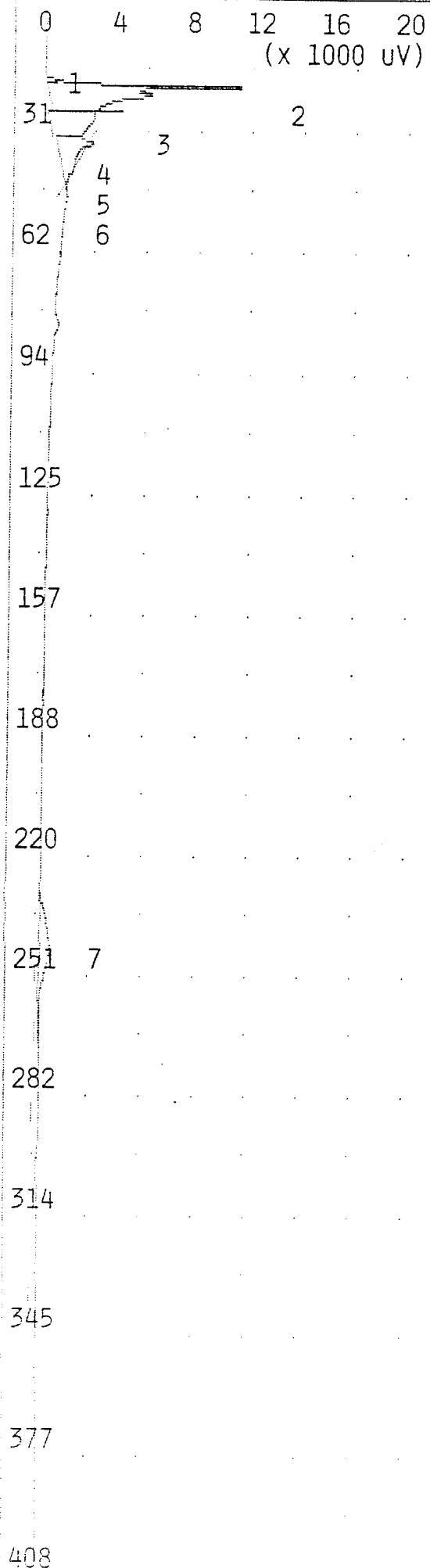
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.460 MVS	16.3
2	UNKNOWN	12.47 MVS	17.7
3	UNKNOWN	31.55 MVS	19.4
4	UNKNOWN	14.28 MVS	32.4
5	UNKNOWN	0.055 MVS	45.0
6	UNKNOWN	16.43 MVS	240.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 73.5-74.0

LH

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 15:50

SAMPLE TIME: NOV 12,94 15:43

METHOD

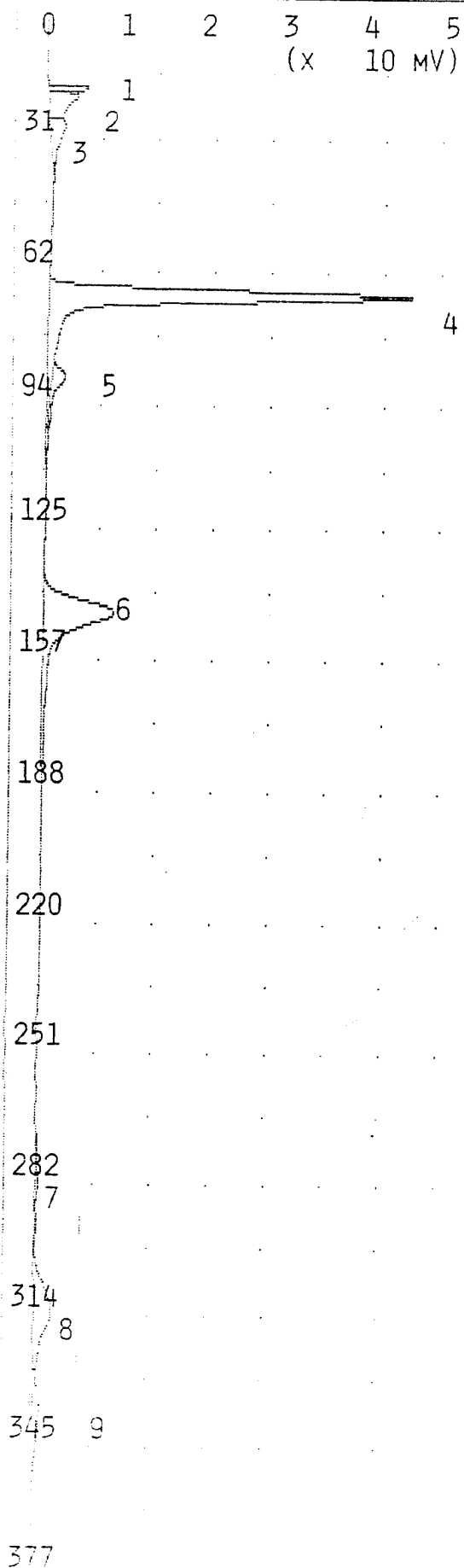
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 31 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.957 MVS	16.4
2	UNKNOWN	12.23 MVS	17.7
3	UNKNOWN	33.83 MVS	19.6
4	UNKNOWN	0.353 MVS	25.6
5	UNKNOWN	10.71 MVS	32.4
6	UNKNOWN	0.021 MVS	44.8
7	UNKNOWN	8.478 MVS	240.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 78.5-79.0



TIME PRINTED: NOV 14,94 09:04

SAMPLE TIME: NOV 14,94 08:56

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 35 C
AMB TEMP 23 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.636 MVS	16.8
2	UNKNOWN	16.23 MVS	18.7
3	UNKNOWN	13.40 MVS	25.7
4	UNKNOWN	165.5 MVS	66.2
5	UNKNOWN	7.833 MVS	85.7
6	UNKNOWN	74.22 MVS	143.6
7	UNKNOWN	3.225 MVS	281.3
8	UNKNOWN	30.39 MVS	310.4
9	UNKNOWN	12.79 MVS	334.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

0 2 4 6 8 10
(X 10 MV)

TIME PRINTED: Nov 14,94 09:18

SAMPLE TIME: Nov 14,94 09:11

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 24 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

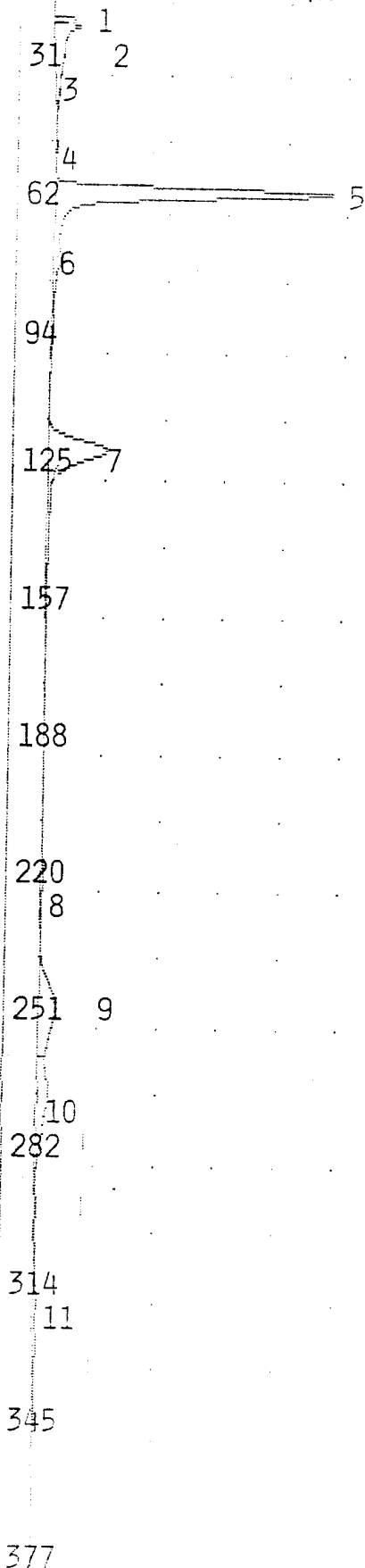
PEAK REPORT

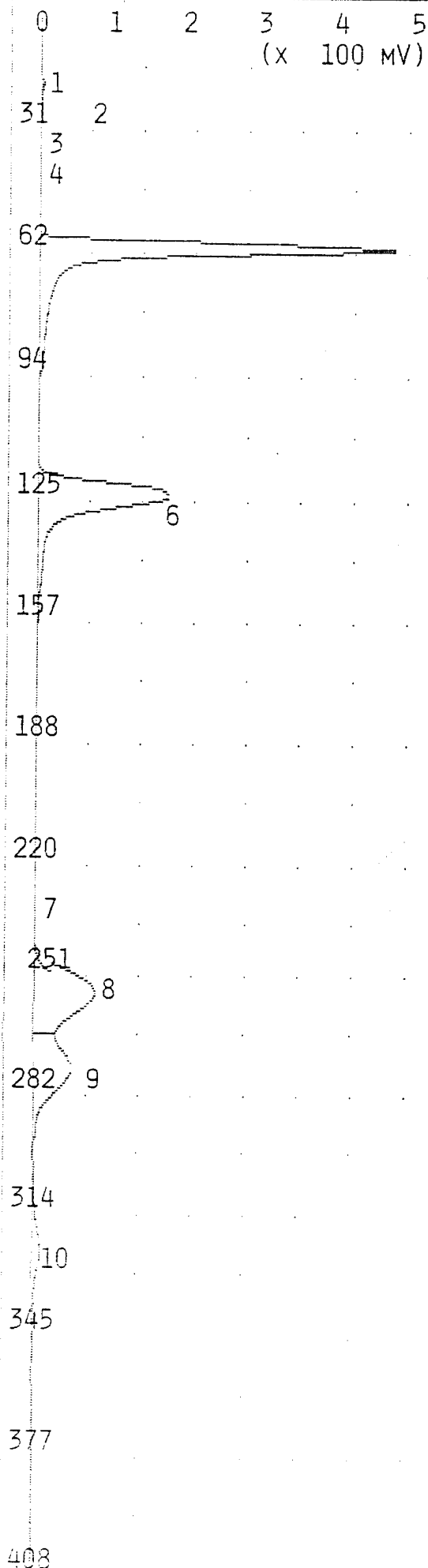
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.033 MVS	16.8
2	UNKNOWN	43.45 MVS	18.4
3	UNKNOWN	0.895 MVS	24.0
4	UNKNOWN	0.100 MVS	45.2
5	UNKNOWN	215.6 MVS	56.0
6	UNKNOWN	3.079 MVS	70.5
7	UNKNOWN	96.80 MVS	114.4
8	UNKNOWN	5.479 MVS	214.8
9	UNKNOWN	58.39 MVS	244.8
10	UNKNOWN	46.90 MVS	264.2
11	UNKNOWN	13.71 MVS	316.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

0 2 4 6 8 10
(X 10 MV)





TIME PRINTED: NOV 14,94 09:36

SAMPLE TIME: NOV 14,94 09:29

METHOD

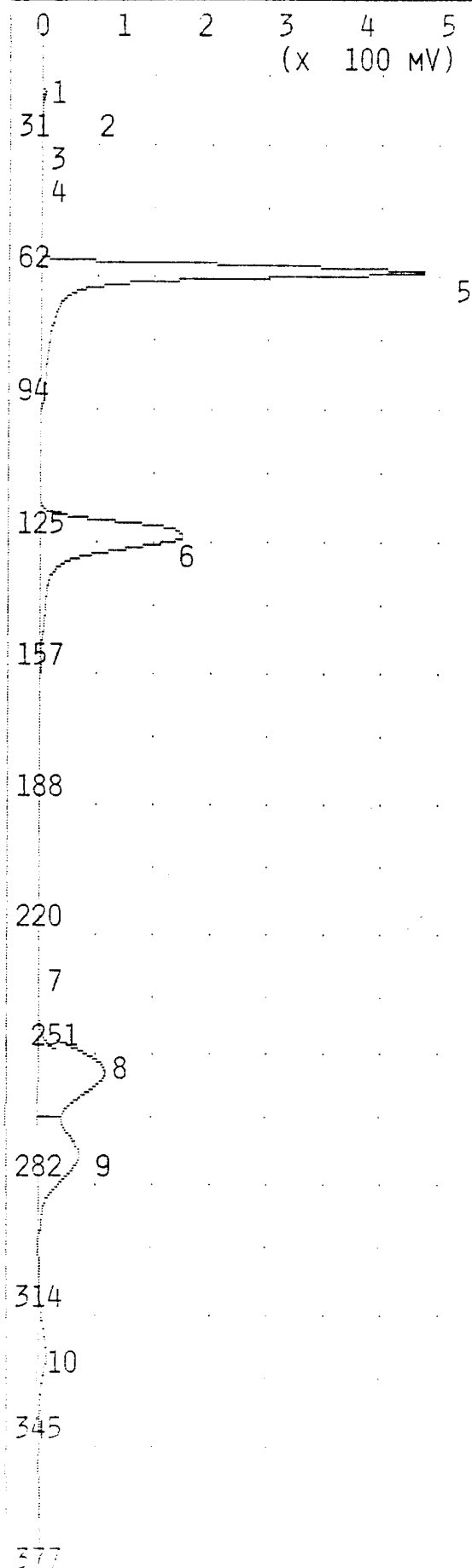
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 25 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.610 MVS	16.8
2	UNKNOWN	14.28 MVS	18.5
3	UNKNOWN	8.842 MVS	24.8
4	UNKNOWN	2.546 MVS	32.8
5	BENZENE	988.1 PPB	59.8
6	TOLUENE	1.563 PPM	122.1
7	UNKNOWN	2.511 MVS	225.4
8	ETHYLBENZENE	1.972 PPM	253.6
9	MP-XYLENE	3.231 PPM	273.3
10	O-XYLENE	1.482 PPM	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX



TIME PRINTED: NOV 14,94 09:43

SAMPLE TIME: NOV 14,94 09:29

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 25 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

PEAK REPORT

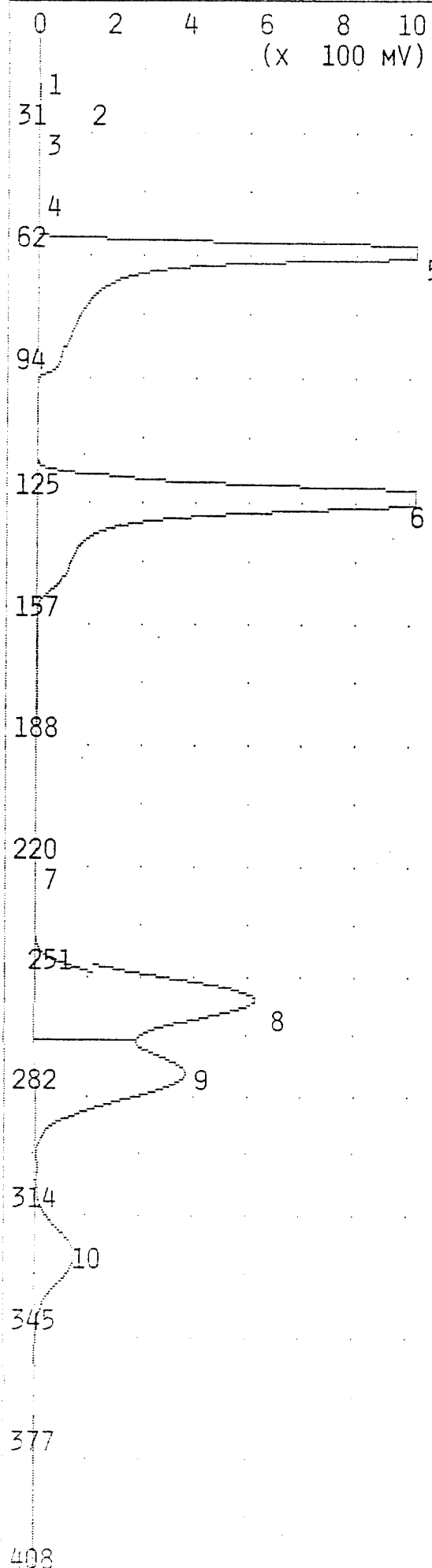
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.610 MVS	16.8
2	UNKNOWN	14.28 MVS	18.5
3	UNKNOWN	8.842 MVS	24.8
4	UNKNOWN	2.546 MVS	32.8
5	BENZENE	1.000 PPM	59.8
6	TOLUENE	1.000 PPM	122.1
7	UNKNOWN	2.511 MVS	225.4
8	ETHYLBENZENE	1.000 PPM	253.6
9	MP-XYLENE	2.006 PPM	273.3
10	O-XYLENE	1.085 PPM	322.1

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 1 PPM BTEX

ANALYSIS #4

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 09:54

SAMPLE TIME: NOV 14,94 09:47

METHOD

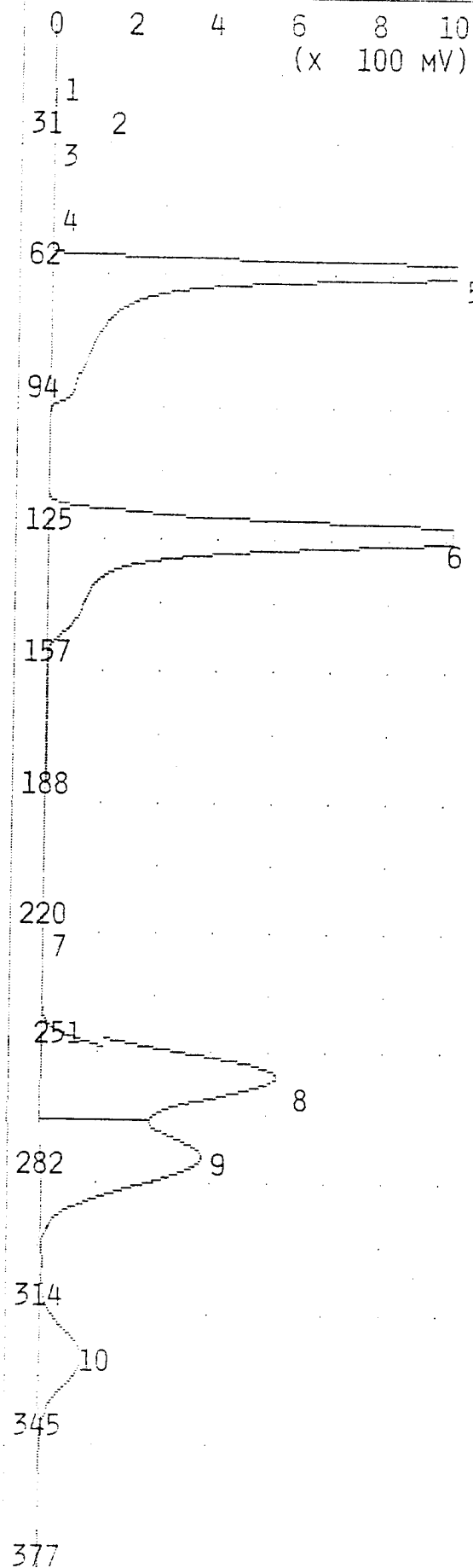
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.180 MVS	16.8
2	UNKNOWN	40.95 MVS	18.4
3	UNKNOWN	0.442 MVS	32.6
4	UNKNOWN	0.069 MVS	44.8
5	BENZENE	6.276 PPM	59.8
6	TOLUENE	8.029 PPM	122.4
7	UNKNOWN	5.559 MVS	221.4
8	ETHYLBENZENE	7.365 PPM	255.2
9	MP-XYLENE	16.43 PPM	274.4
10	O-XYLENE	9.238 PPM	322.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 PPM BTEX



TIME PRINTED: NOV 14,94 10:00

SAMPLE TIME: NOV 14,94 09:47

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

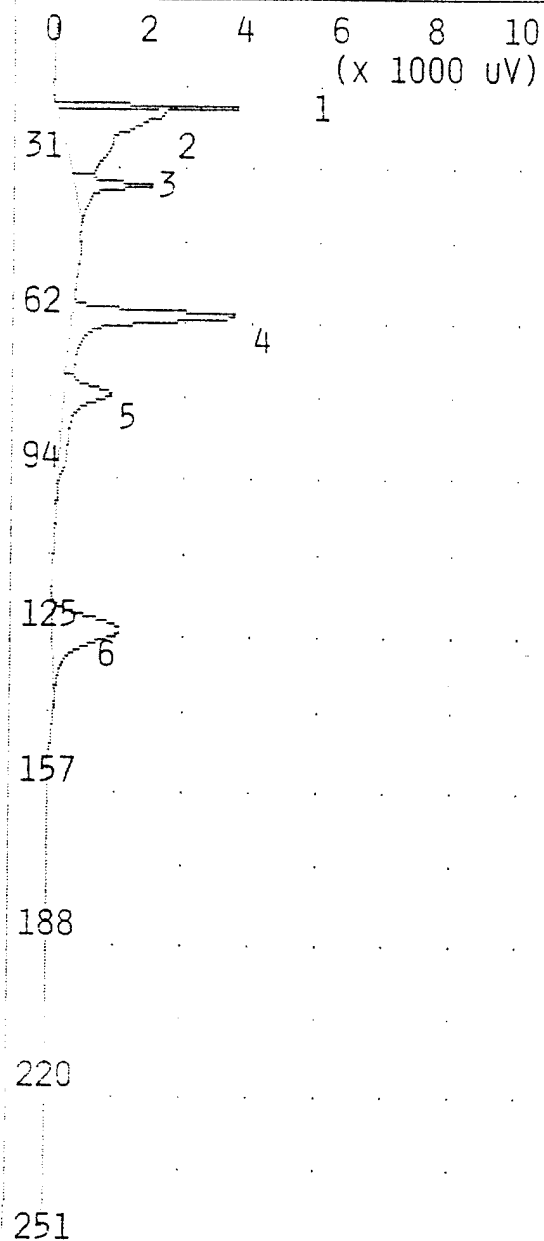
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.180 MVS	16.8
2	UNKNOWN	40.95 MVS	18.4
3	UNKNOWN	0.442 MVS	32.6
4	UNKNOWN	0.069 MVS	44.8
5	BENZENE	10.00 PPM	59.8
6	TOLUENE	10.00 PPM	122.4
7	UNKNOWN	5.559 MVS	221.4
8	ETHYLBENZENE	10.00 PPM	255.2
9	MP-XYLENE	20.00 PPM	274.4
10	O-XYLENE	10.01 PPM	322.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 PPM BTEX

ANALYSIS #5

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 10:10

SAMPLE TIME: Nov 14,94 10:03

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.892 MVS	17.0
2	UNKNOWN	15.11 MVS	18.7
3	UNKNOWN	4.273 MVS	32.8
4	BENZENE	5.437 PPB	59.4
5	UNKNOWN	5.866 MVS	75.3
6	TOLUENE	10.05 PPB	122.1
7	ETHYLBENZENE	20.92 PPB	256.2
8	MP-XYLENE	44.67 PPB	275.4
9	O-XYLENE	15.59 PPB	325.3

7

282 8

314

9

345

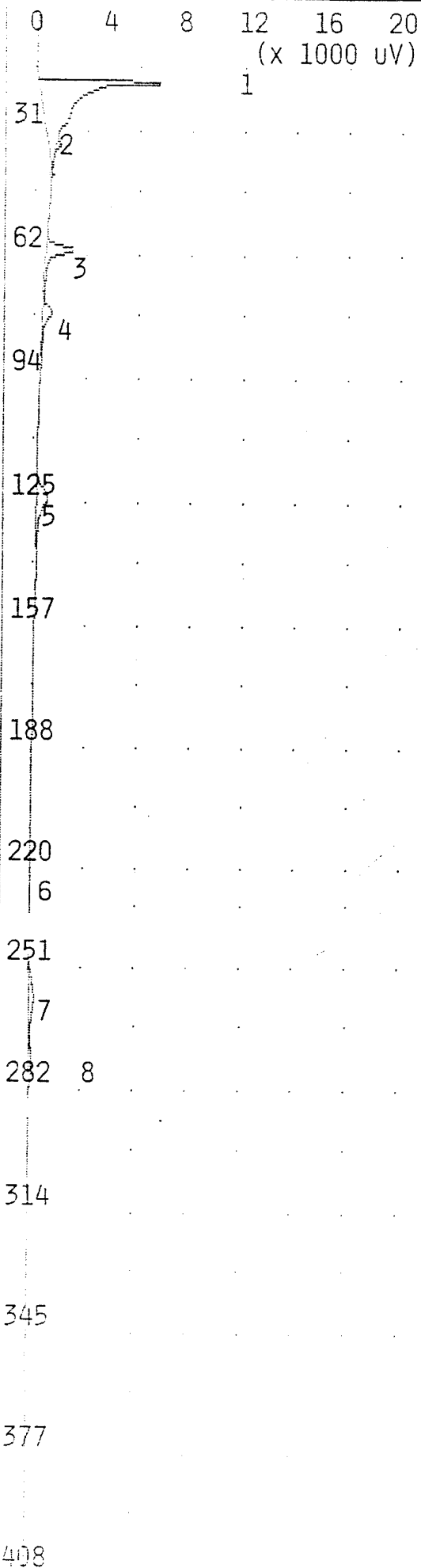
377

408

440

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: NOV 14,94 10:22

SAMPLE TIME: NOV 14,94 10:15

METHOD

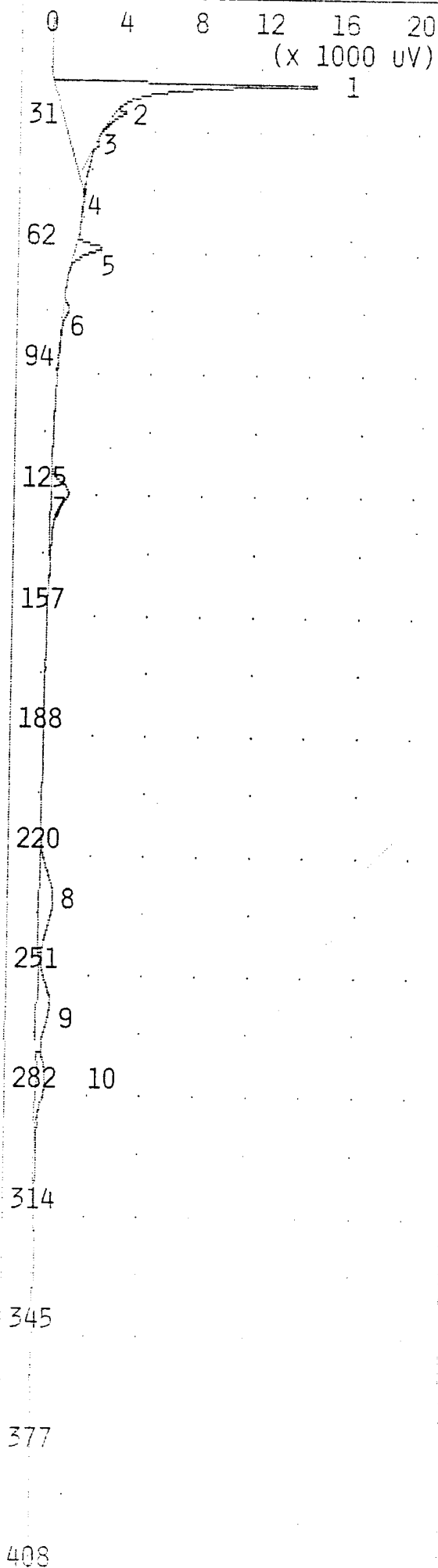
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	34.10 MVS	16.8
2	UNKNOWN	0.339 MVS	32.9
3	BENZENE	2.033 PPB	59.4
4	UNKNOWN	1.957 MVS	75.6
5	TOLUENE	3.808 PPB	122.4
6	UNKNOWN	0.659 MVS	225.0
7	ETHYLBENZENE	8.095 PPB	256.2
8	MP-XYLENE	13.49 PPB	275.2

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
CB-004 1.0- 1.5
2 33



TIME PRINTED: NOV 14,94 10:33

SAMPLE TIME: NOV 14,94 10:25

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

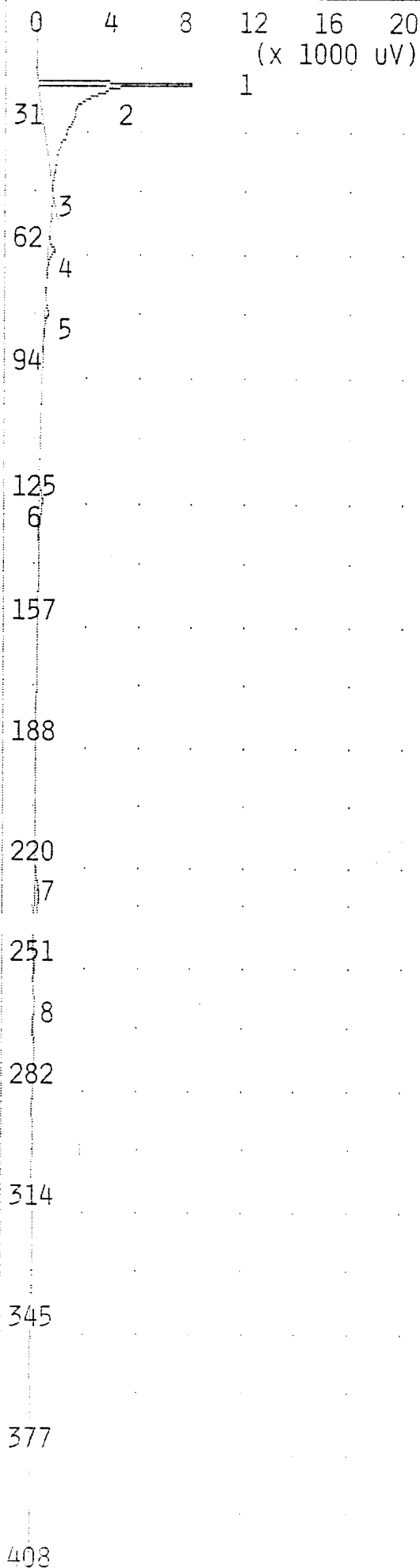
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	72.72 MVS	17.2
2	UNKNOWN	1.314 MVS	24.6
3	UNKNOWN	0.233 MVS	32.7
4	UNKNOWN	0.073 MVS	44.9
5	BENZENE	1.972 PPB	59.6
6	UNKNOWN	1.050 MVS	75.4
7	TOLUENE	7.215 PPB	123.4
8	UNKNOWN	11.93 MVS	229.4
9	ETHYLBENZENE	17.93 PPB	257.3
10	MP-XYLENE	26.75 PPB	276.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004 8.5- 9.5

233



TIME PRINTED: NOV 14,94 10:43

SAMPLE TIME: NOV 14,94 10:36

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

MAX GAIN 1000

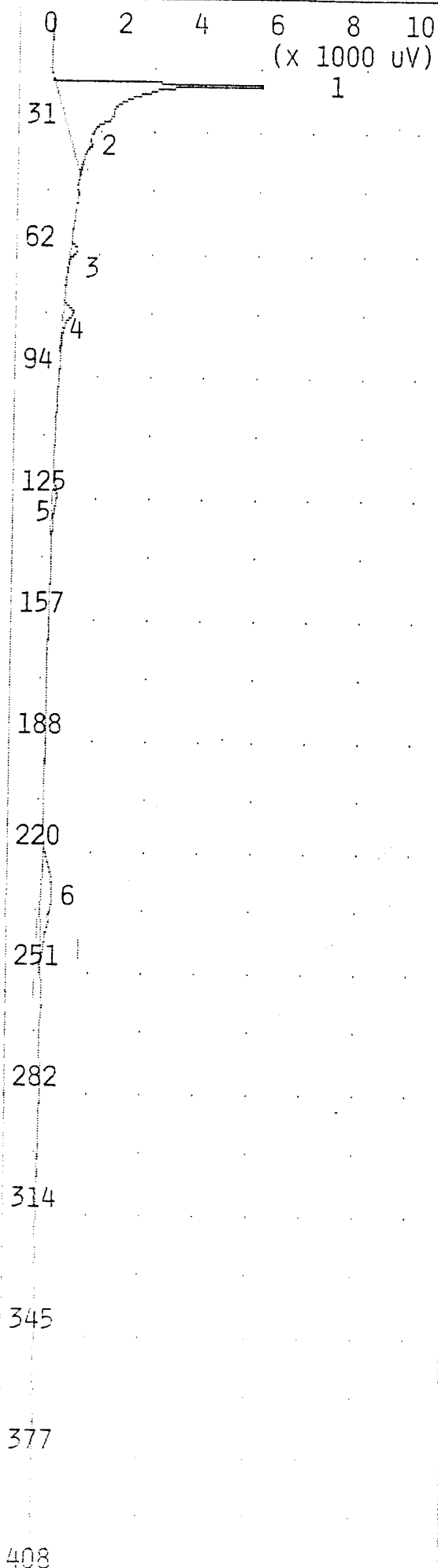
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.88 MVS	17.0
2	UNKNOWN	31.62 MVS	18.7
3	UNKNOWN	0.122 MVS	45.1
4	BENZENE	0.466 PPB	59.6
5	UNKNOWN	0.620 MVS	75.6
6	TOLUENE	1.147 PPB	122.8
7	UNKNOWN	3.521 MVS	227.8
8	ETHYLBENZENE	0.749 PPB	257.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-002 13.5-14.5



TIME PRINTED: NOV 14,94 10:55

SAMPLE TIME: NOV 14,94 10:47

METHOD

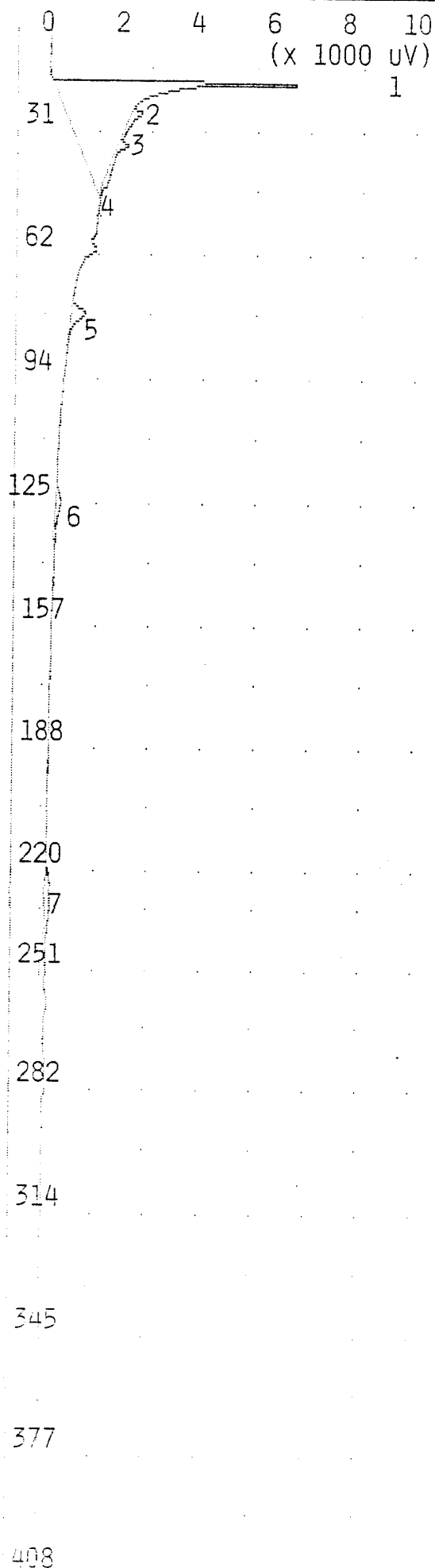
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	28.86 MVS	17.0
2	UNKNOWN	0.116 MVS	33.0
3	BENZENE	0.257 PPB	59.7
4	UNKNOWN	1.024 MVS	75.6
5	TOLUENE	0.668 PPB	123.0
6	UNKNOWN	4.480 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-002 18.5-19.5



TIME PRINTED: NOV 14,94 11:05

SAMPLE TIME: NOV 14,94 10:58

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	43.78 MVS	17.0
2	UNKNOWN	0.968 MVS	24.8
3	UNKNOWN	1.274 MVS	32.9
4	UNKNOWN	0.041 MVS	45.1
5	UNKNOWN	1.330 MVS	75.8
6	TOLUENE	0.820 PPB	122.8
7	UNKNOWN	1.917 MVS	227.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-002 8.5- 9.5

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 14, 94 11:17

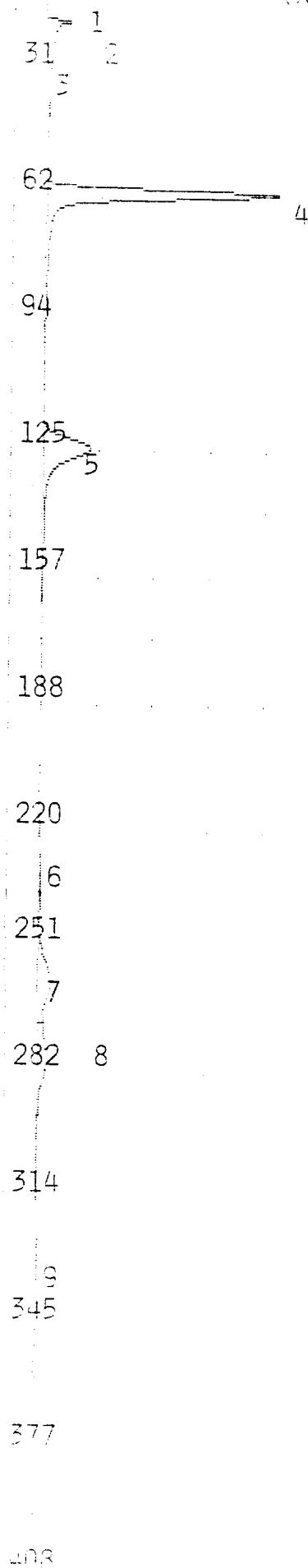
SAMPLE TIME: NOV 14, 94 11:09

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.53 MVS	17.0
2	UNKNOWN	0.563 MVS	25.0
3	UNKNOWN	0.131 MVS	33.0
4	BENZENE	85.57 PPB	59.8
5	TOLUENE	87.00 PPB	123.2
6	UNKNOWN	7.222 MVS	228.8
7	ETHYLBENZENE	78.12 PPB	257.8
8	MP-XYLENE	151.5 PPB	277.0
9	O-XYLENE	54.25 PPB	326.6



NOTES

JOE BYRD, JR.
COOS BAY ANG
~~02 002 3.5 3.5~~
100 PPB BTEX JJ

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 14,94 11:22

SAMPLE TIME: NOV 14,94 11:09

METHOD

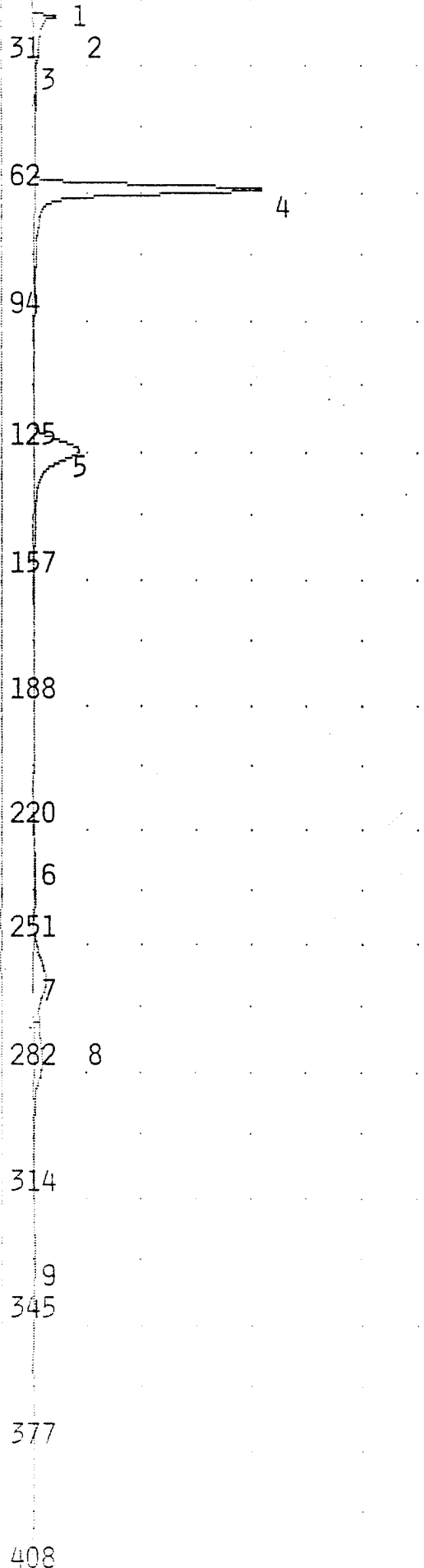
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

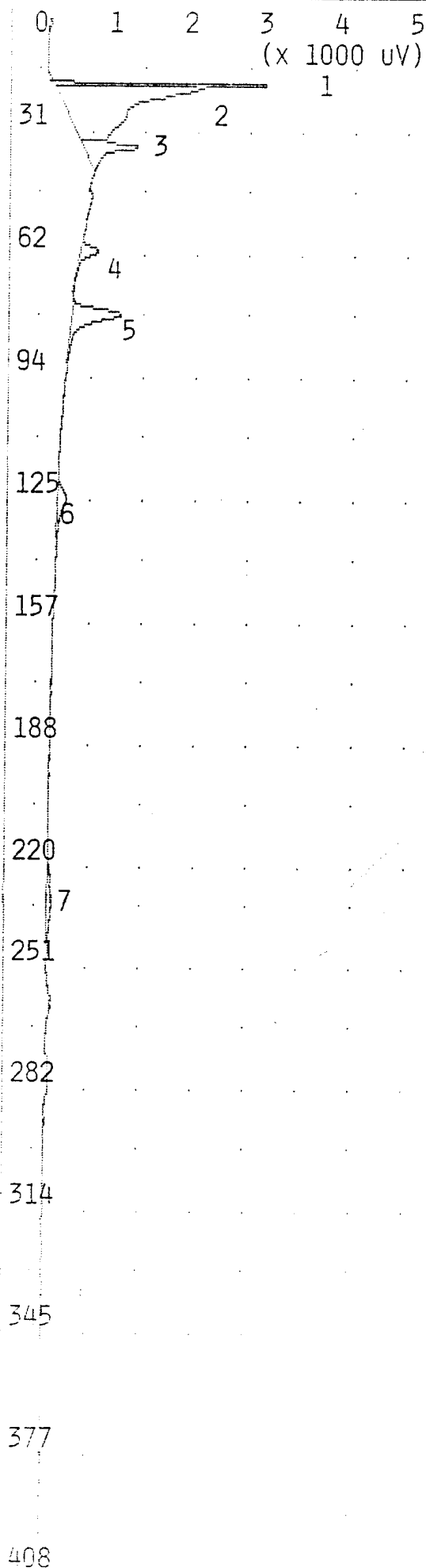
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.53 MVS	17.0
2	UNKNOWN	0.563 MVS	25.0
3	UNKNOWN	0.131 MVS	33.0
4	BENZENE	100.0 PPB	59.8
5	TOLUENE	100.0 PPB	123.2
6	UNKNOWN	7.222 MVS	228.8
7	ETHYLBENZENE	100.0 PPB	257.8
8	MP-XYLENE	200.0 PPB	277.0
9	O-XYLENE	100.0 PPB	326.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX





TIME PRINTED: NOV 14,94 11:33

SAMPLE TIME: NOV 14,94 11:25

METHOD

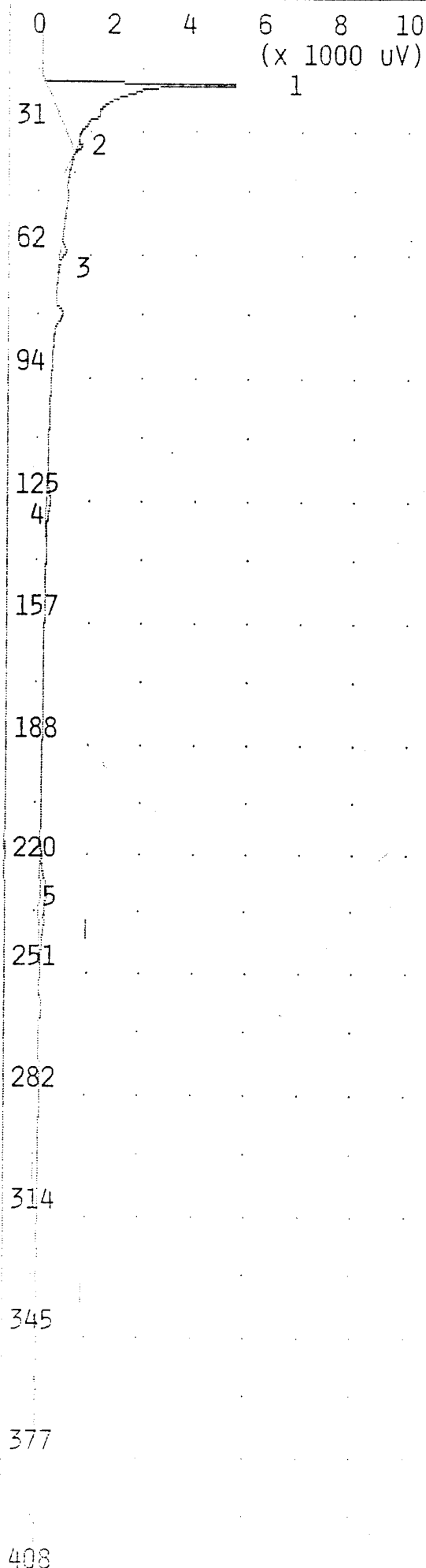
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.217 MVS	17.1
2	UNKNOWN	12.24 MVS	18.7
3	UNKNOWN	2.195 MVS	33.2
4	BENZENE	0.384 PPB	59.6
5	UNKNOWN	2.600 MVS	75.8
6	TOLUENE	0.775 PPB	122.9
7	UNKNOWN	0.821 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
AIR BLANK



TIME PRINTED: NOV 14,94 11:43

SAMPLE TIME: NOV 14,94 11:35

METHOD

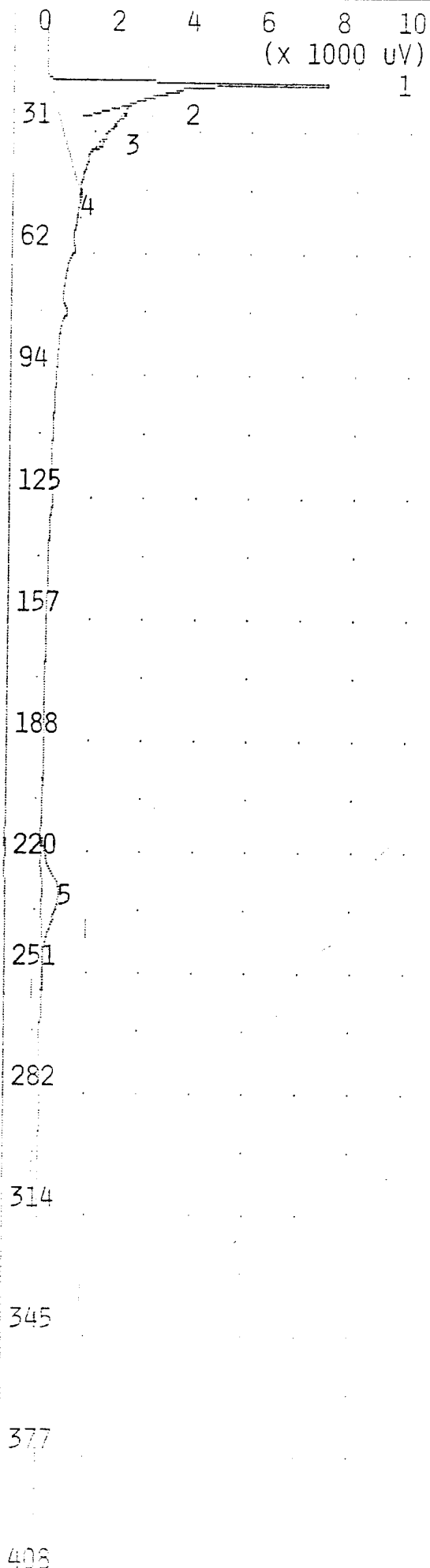
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	22.60 MVS	17.0
2	UNKNOWN	0.164 MVS	33.0
3	BENZENE	0.245 PPB	59.6
4	TOLUENE	0.669 PPB	123.7
5	UNKNOWN	2.404 MVS	229.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-002PZ 23.5-24.5



TIME PRINTED: NOV 14,94 11:56

SAMPLE TIME: NOV 14,94 11:48

METHOD

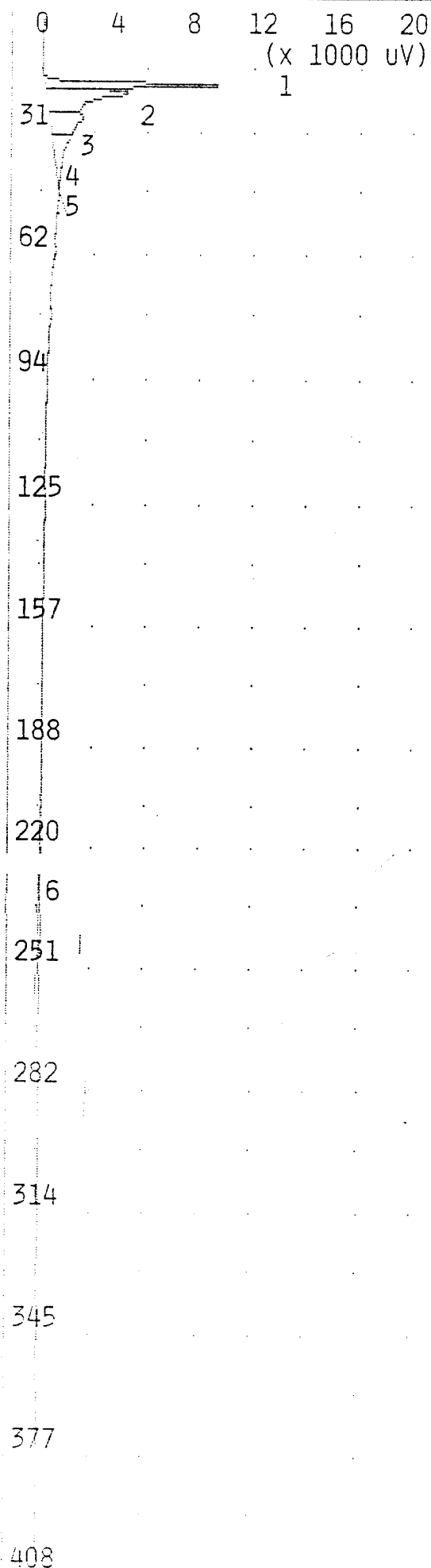
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	41.34 MVS	17.0
2	UNKNOWN	0.198 MVS	19.4
3	UNKNOWN	0.697 MVS	25.2
4	UNKNOWN	0.047 MVS	45.5
5	UNKNOWN	7.576 MVS	229.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-002PZ ~~23.5-24.5~~ 28.5-29.5 B



TIME PRINTED: NOV 14,94 12:06

SAMPLE TIME: NOV 14,94 11:59

METHOD

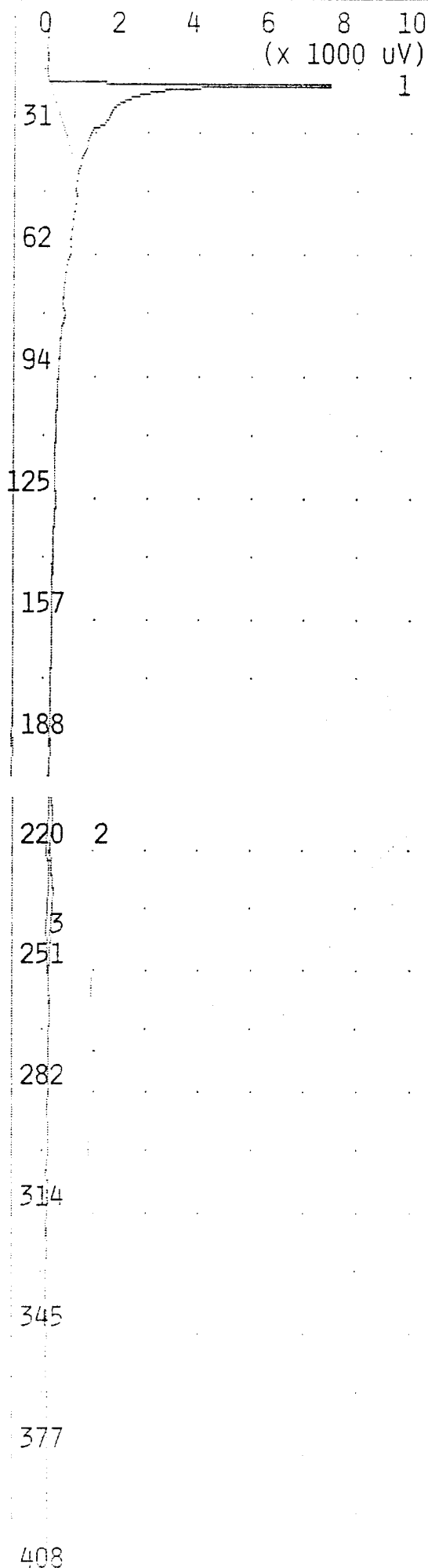
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	14.64 MVS	17.0
2	UNKNOWN	15.26 MVS	19.4
3	UNKNOWN	8.701 MVS	25.5
4	UNKNOWN	5.391 MVS	31.1
5	UNKNOWN	0.029 MVS	45.0
6	UNKNOWN	1.015 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-002PZ 33.5-34.0



TIME PRINTED: NOV 14,94 12:37

SAMPLE TIME: NOV 14,94 12:30

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

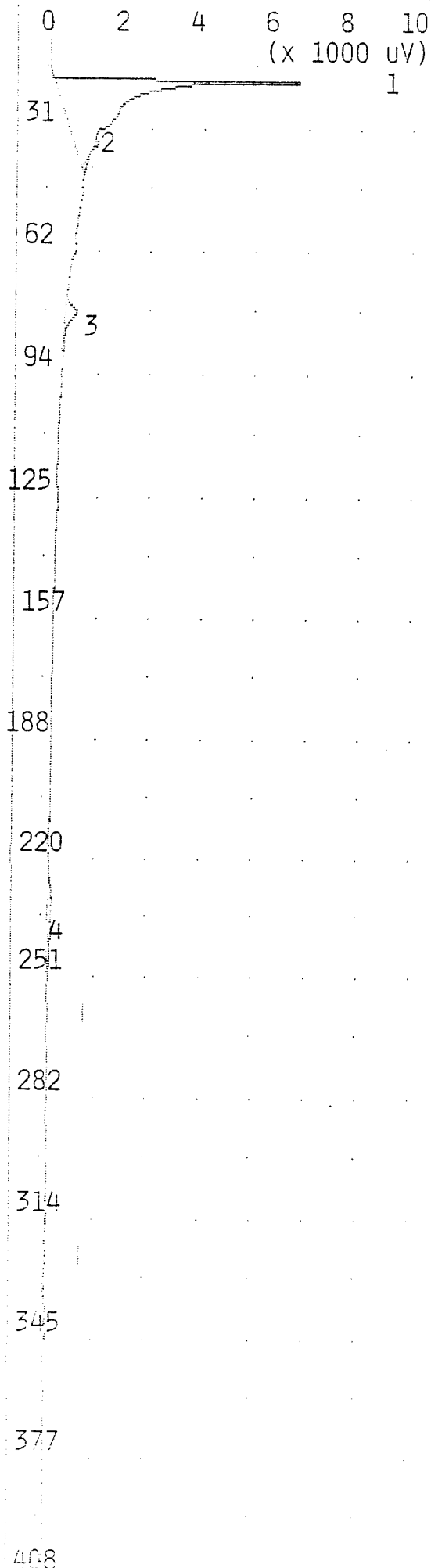
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	30.52 MVS	17.1
2	UNKNOWN	1.155 MVS	209.8
3	UNKNOWN	2.043 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-001PZ 1.0- 2.5



TIME PRINTED: NOV 14,94 12:47

SAMPLE TIME: NOV 14,94 12:40

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	32.75 MVS	17.0
2	UNKNOWN	0.164 MVS	33.2
3	UNKNOWN	1.194 MVS	76.2
4	ETHYLBENZENE	2.645 PPB	232.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-001PZ 8.5-10.0

0 2 4 6 8 10
(X 10 MV)

TIME PRINTED: NOV 14,94 12:57

SAMPLE TIME: NOV 14,94 12:50

METHOD

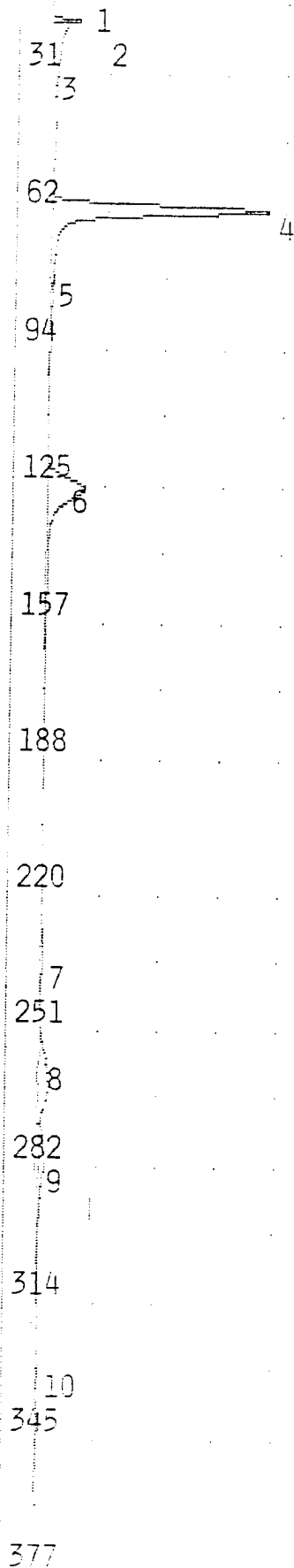
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.576 MVS	17.1
2	UNKNOWN	24.79 MVS	18.7
3	UNKNOWN	3.175 MVS	33.2
4	BENZENE	87.17 PPB	60.3
5	UNKNOWN	0.326 MVS	76.2
6	TOLUENE	78.01 PPB	124.2
7	UNKNOWN	6.184 MVS	231.6
8	ETHYLBENZENE	72.26 PPB	260.0
9	MP-XYLENE	127.0 PPB	279.7
10	O-XYLENE	69.95 PPB	330.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 14,94 13:02

SAMPLE TIME: NOV 14,94 12:50

METHOD

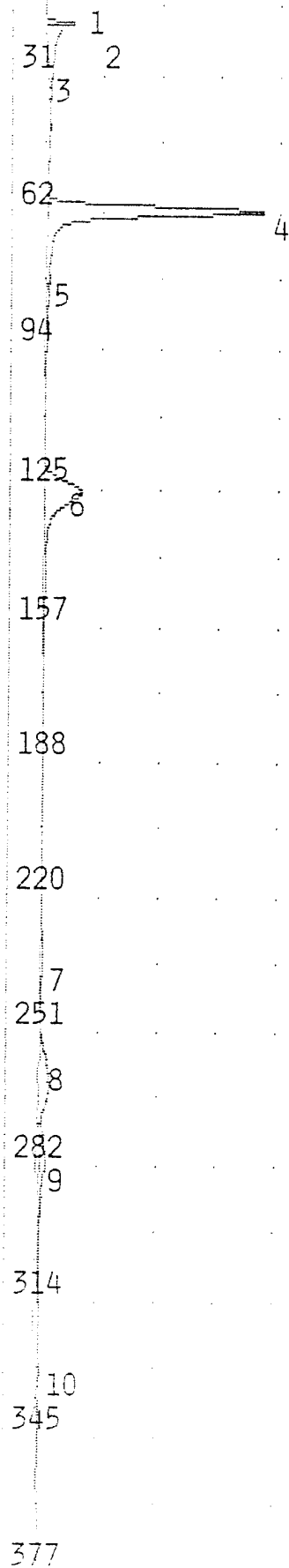
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

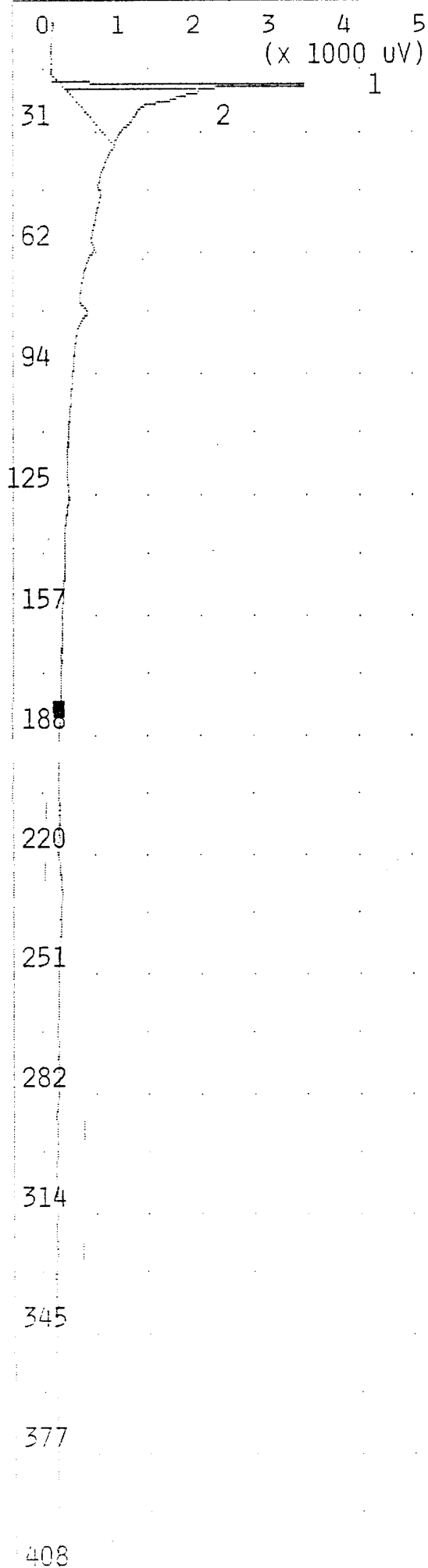
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.576 MVS	17.1
2	UNKNOWN	24.79 MVS	18.7
3	UNKNOWN	3.175 MVS	33.2
4	BENZENE	100.0 PPB	60.3
5	UNKNOWN	0.326 MVS	76.2
6	TOLUENE	100.0 PPB	124.2
7	UNKNOWN	6.184 MVS	231.6
8	ETHYLBENZENE	100.0 PPB	260.0
9	MP-XYLENE	200.0 PPB	279.7
10	O-XYLENE	99.99 PPB	330.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX





TIME PRINTED: NOV 14,94 13:12

SAMPLE TIME: NOV 14,94 13:05

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

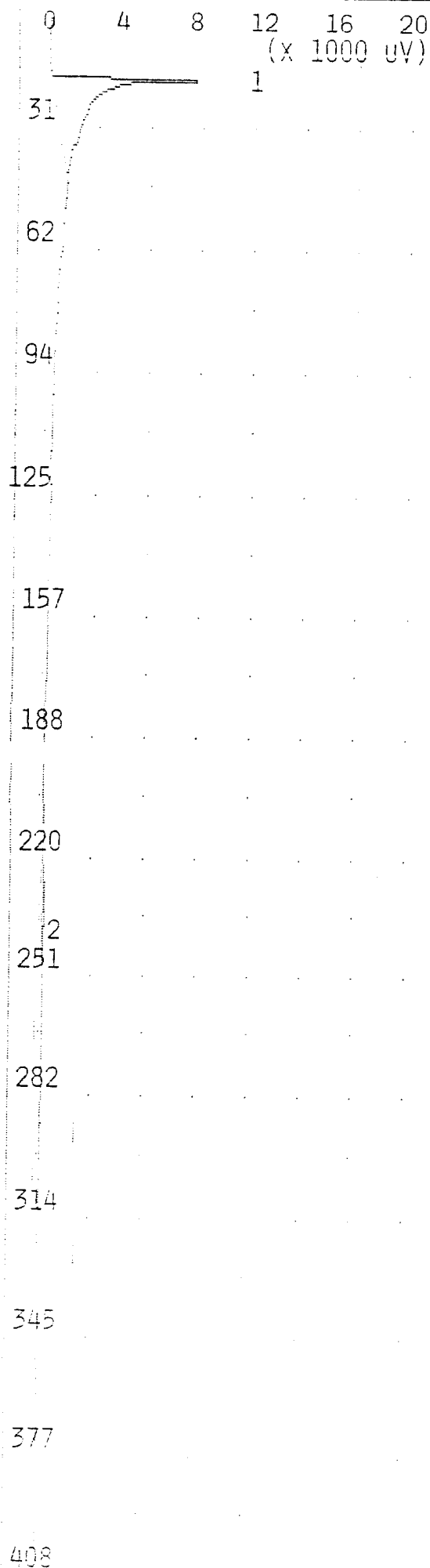
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.856 MVS	17.1
2	UNKNOWN	10.13 MVS	18.8

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
AIR BLANK



TIME PRINTED: NOV 14,94 13:23

SAMPLE TIME: NOV 14,94 13:15

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	41.11 MVS	17.0
2	UNKNOWN	0.819 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-001PZ 13.5-15.0

0 2 4 6 8 10
(x 1000 UV)

TIME PRINTED: NOV 14,94 13:33

SAMPLE TIME: NOV 14,94 13:25

METHOD

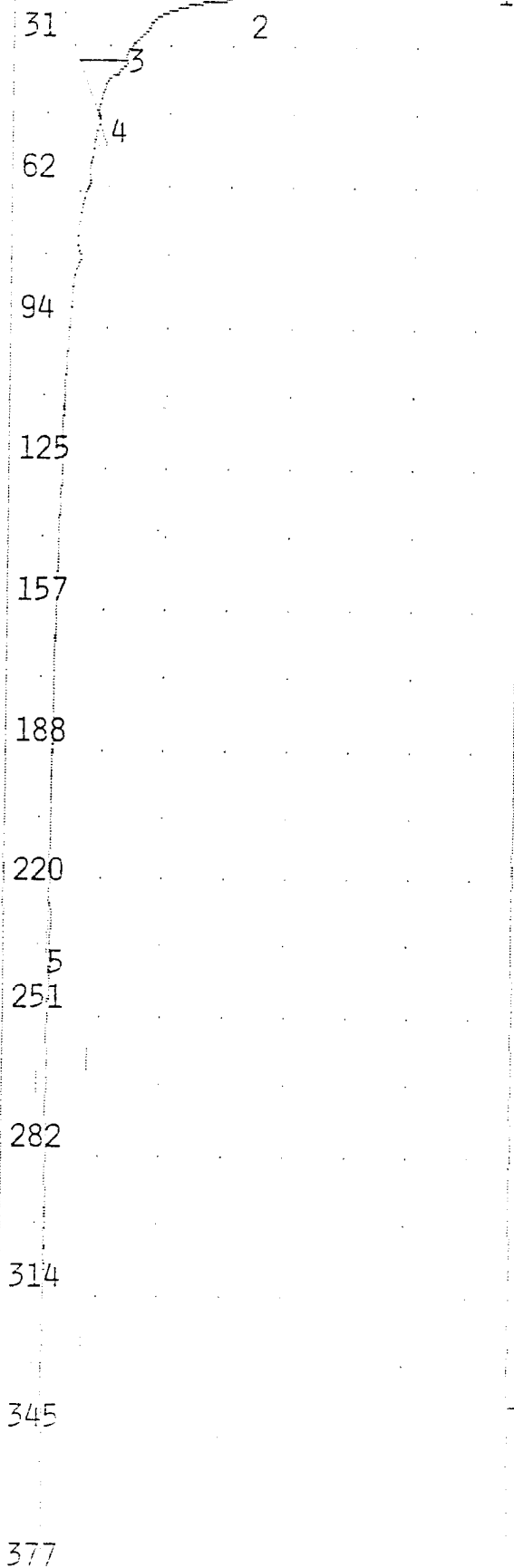
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

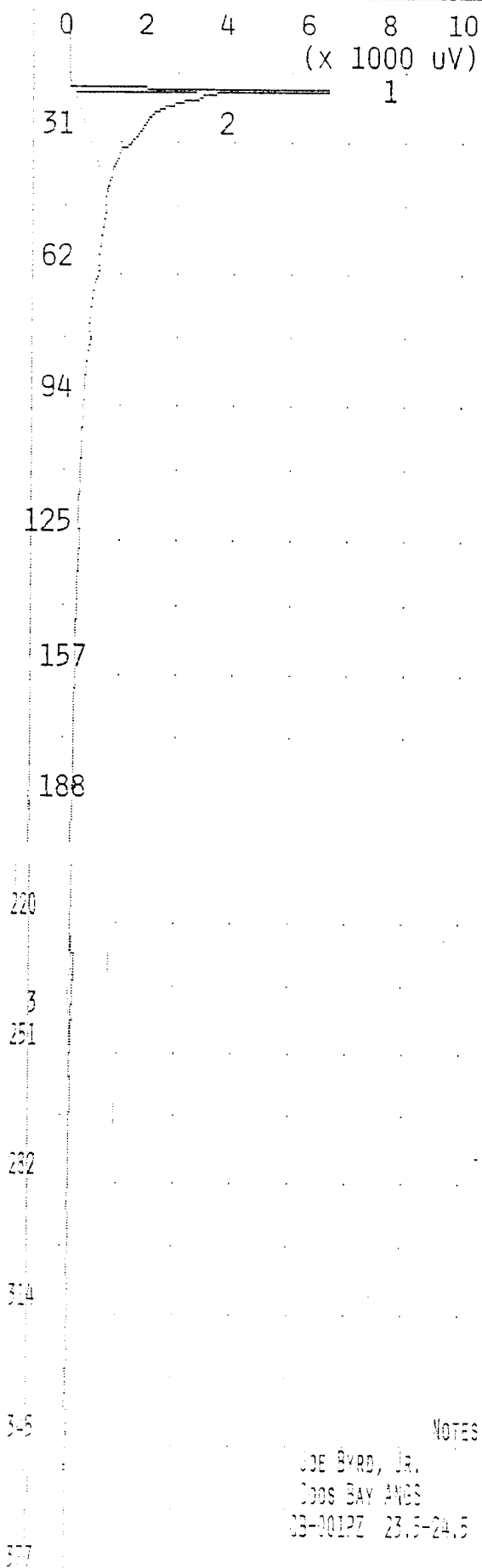
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.683 MVS	17.1
2	UNKNOWN	29.44 MVS	18.8
3	UNKNOWN	5.739 MVS	33.4
4	UNKNOWN	0.133 MVS	45.5
5	UNKNOWN	0.795 MVS	232.2

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
CB-001PZ 18.5-20.0





TIME PRINTED: NOV 14,94 13:43

SAMPLE TIME: NOV 14,94 13:36

METHOD

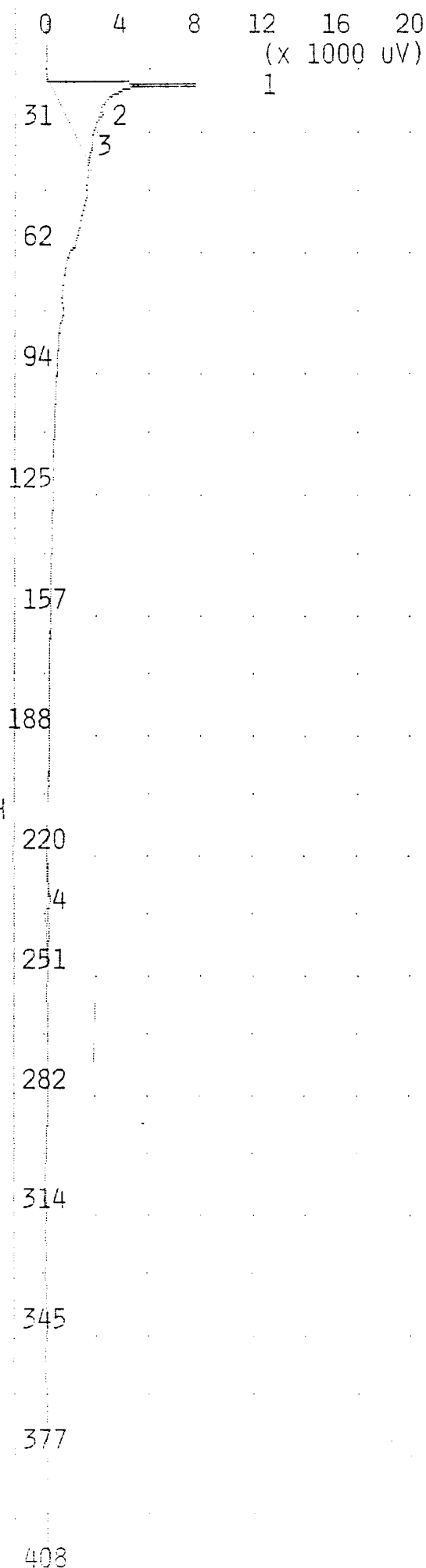
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.654 MVS	17.1
2	UNKNOWN	26.22 MVS	18.7
3	UNKNOWN	1.407 MVS	231.0

NOTES

JOE BYRD, JR.
DOGS BAY AVGS
03-00127 23.5-24.5



TIME PRINTED: NOV 14,94 13:53

SAMPLE TIME: NOV 14,94 13:46

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

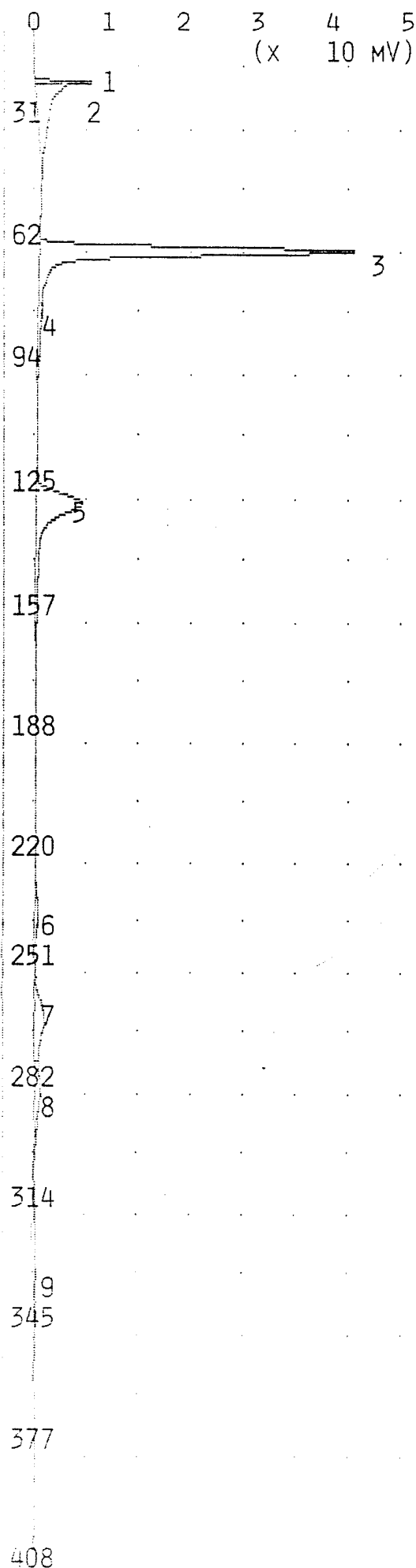
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	40.50 MVS	17.0
2	UNKNOWN	0.321 MVS	24.6
3	UNKNOWN	0.060 MVS	33.1
4	UNKNOWN	1.428 MVS	228.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-001PZ 28.5-29.5



TIME PRINTED: Nov 14,94 15:36

SAMPLE TIME: Nov 14,94 15:29

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

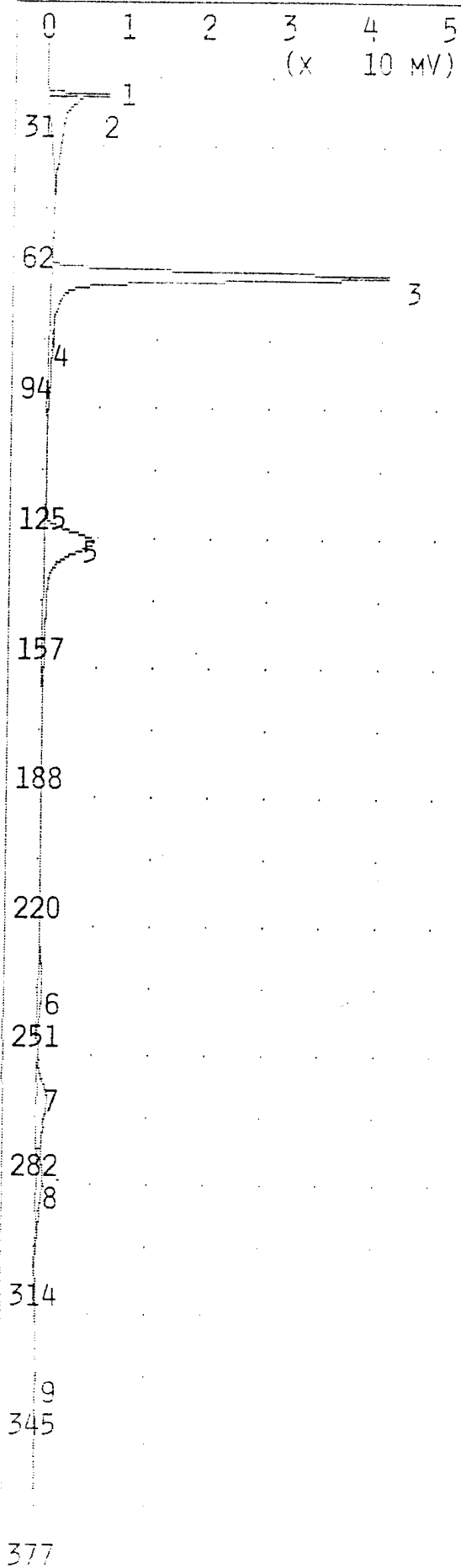
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.865 MVS	17.2
2	UNKNOWN	29.06 MVS	18.7
3	BENZENE	79.29 PPB	60.5
4	UNKNOWN	0.220 MVS	76.5
5	TOLUENE	67.61 PPB	124.6
6	UNKNOWN	6.733 MVS	232.0
7	ETHYLBENZENE	54.52 PPB	261.0
8	MP-XYLENE	116.3 PPB	281.0
9	O-XYLENE	62.33 PPB	331.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 15:44
SAMPLE TIME: NOV 14,94 15:29

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

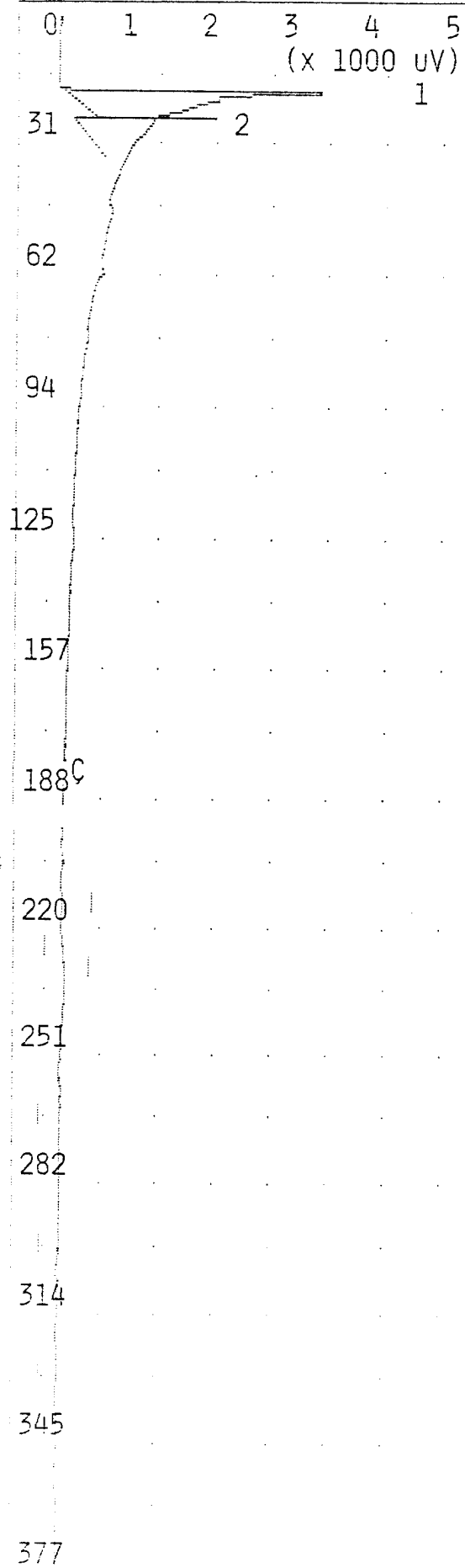
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.865 MVS	17.2
2	UNKNOWN	29.06 MVS	18.7
3	BENZENE	100.0 PPB	60.5
4	UNKNOWN	0.220 MVS	76.5
5	TOLUENE	99.99 PPB	124.6
6	UNKNOWN	6.733 MVS	232.0
7	ETHYLBENZENE	100.0 PPB	261.0
8	MP-XYLENE	200.0 PPB	281.0
9	O-XYLENE	99.99 PPB	331.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 15:55

SAMPLE TIME: Nov 14,94 15:48

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.188 MVS	17.2
2	UNKNOWN	10.97 MVS	19.0

NOTES

JOE BYRD, JR.
 COOS BAY ANG5
 100 PPB BTEX

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 1000 uV)

TIME PRINTED: NOV 14,94 16:05
SAMPLE TIME: NOV 14,94 15:58

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000

ANALYSIS TIME 440.0 SEC

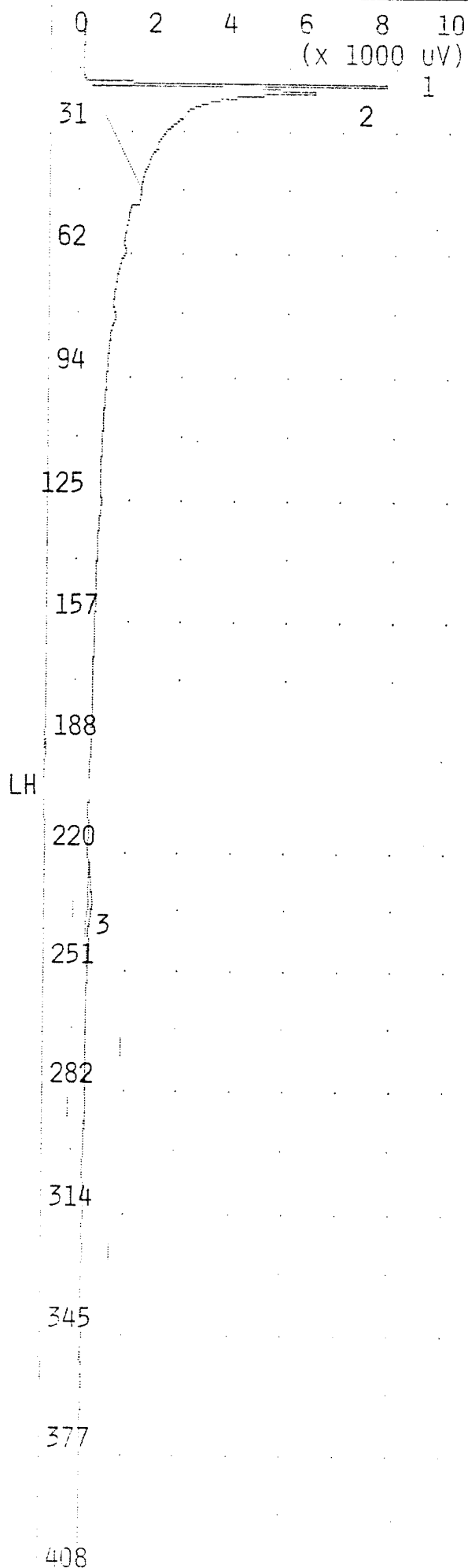
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.184 MVS	17.2
2	UNKNOWN	45.37 MVS	18.9
3	UNKNOWN	0.033 MVS	45.0
4	UNKNOWN	0.912 MVS	231.4

NOTES

JOE BYRD, JR.
COOS BAY ARMS
CB-001PZ 33.5-34.0

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 16:15

SAMPLE TIME: NOV 14,94 16:08

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

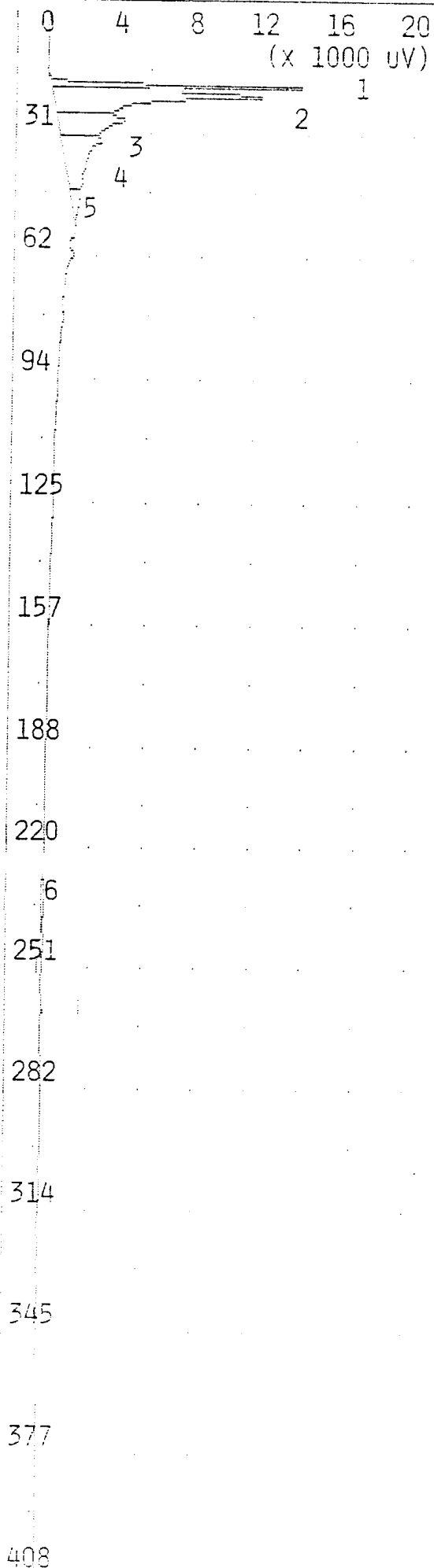
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.513 MVS	17.2
2	UNKNOWN	42.43 MVS	18.9
3	UNKNOWN	1.413 MVS	231.6

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 CB-001PZ 38.5-39.5

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 16:26

SAMPLE TIME: NOV 14,94 16:18

METHOD

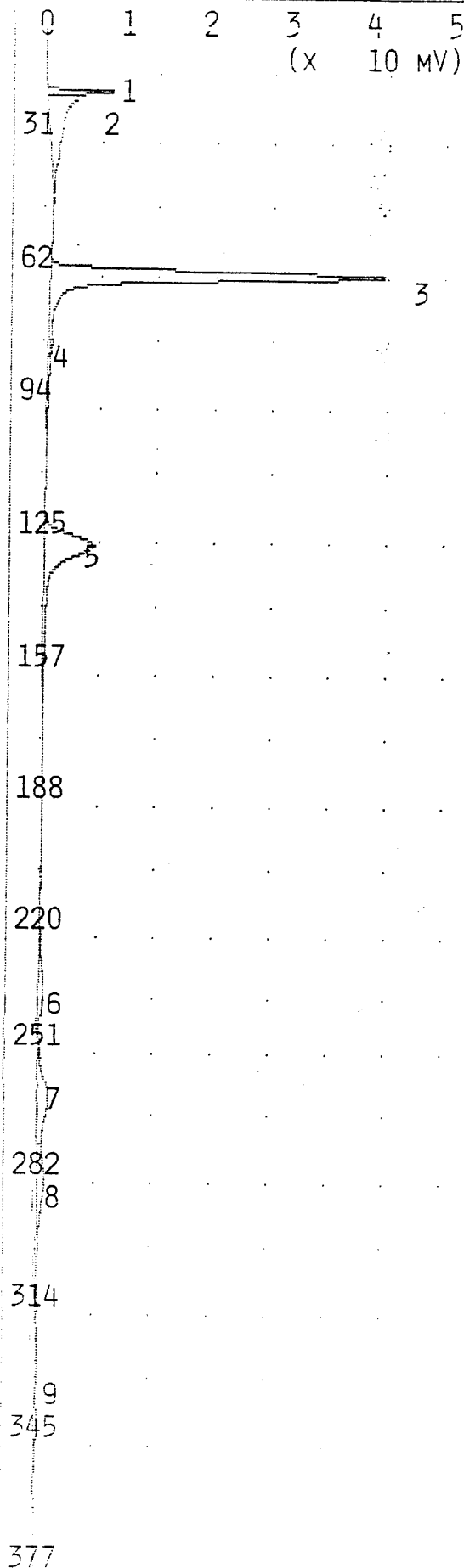
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 29 C
 MAX GAIN 1000
 ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	16.87 MVS	17.1
2	UNKNOWN	37.84 MVS	19.6
3	UNKNOWN	17.24 MVS	25.9
4	UNKNOWN	17.35 MVS	31.4
5	UNKNOWN	2.679 MVS	45.2
6	UNKNOWN	1.169 MVS	229.8

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 CB-001PZ 43.5-44.0



TIME PRINTED: NOV 14,94 16:36

SAMPLE TIME: NOV 14,94 16:28

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 440.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.576 MVS	17.2
2	UNKNOWN	31.65 MVS	18.8
3	BENZENE	95.54 PPB	60.5
4	UNKNOWN	0.510 MVS	76.5
5	TOLUENE	92.98 PPB	124.5
6	UNKNOWN	7.331 MVS	231.0
7	ETHYLBENZENE	94.23 PPB	260.5
8	MP-XYLENE	188.3 PPB	280.5
9	O-XYLENE	100.6 PPB	329.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

0 2 4 6 8 10
(X 10 MV)

TIME PRINTED: Nov 15,94 09:28

SAMPLE TIME: Nov 15,94 09:21

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

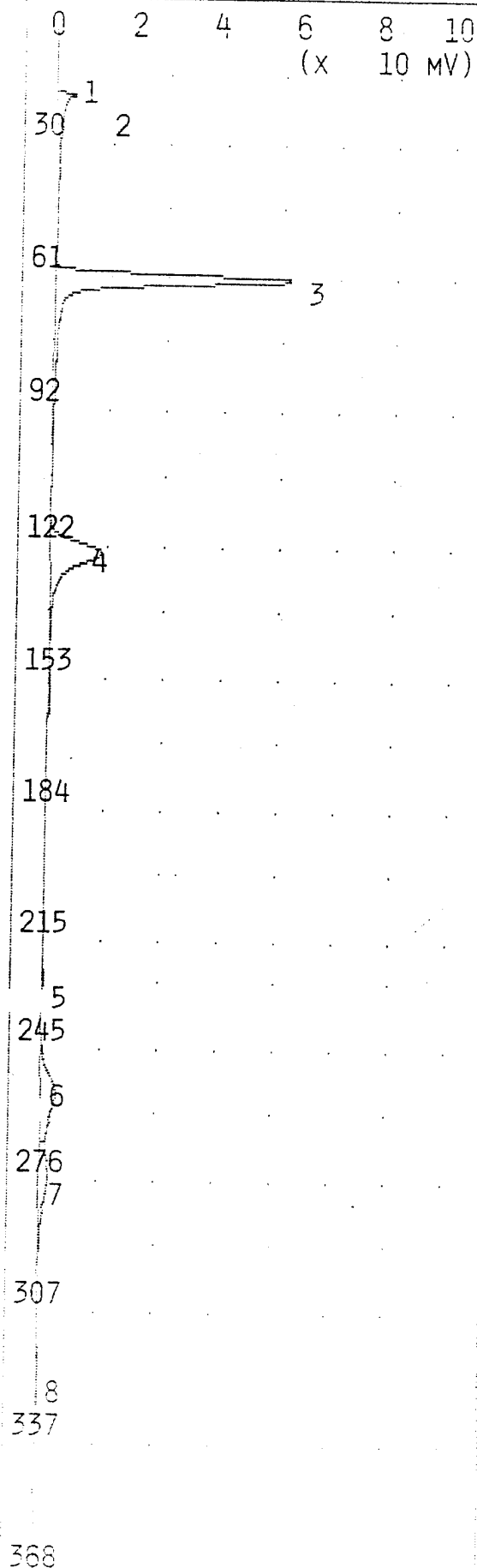
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.43 MVS	17.3
2	UNKNOWN	0.256 MVS	25.1
3	BENZENE	113.5 PPB	60.0
4	TOLUENE	129.1 PPB	122.2
5	UNKNOWN	2.758 MVS	225.6
6	ETHYLBENZENE	139.1 PPB	254.4
7	MP-XYLENE	294.5 PPB	273.6
8	O-XYLENE	112.6 PPB	321.3

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX

30 1 2
61 3
92
122 4
153
184
215
5
245
6
276 7
307
8
337
368
399



TIME PRINTED: NOV 15, 94 09:33

SAMPLE TIME: NOV 15, 94 09:21

METHOD

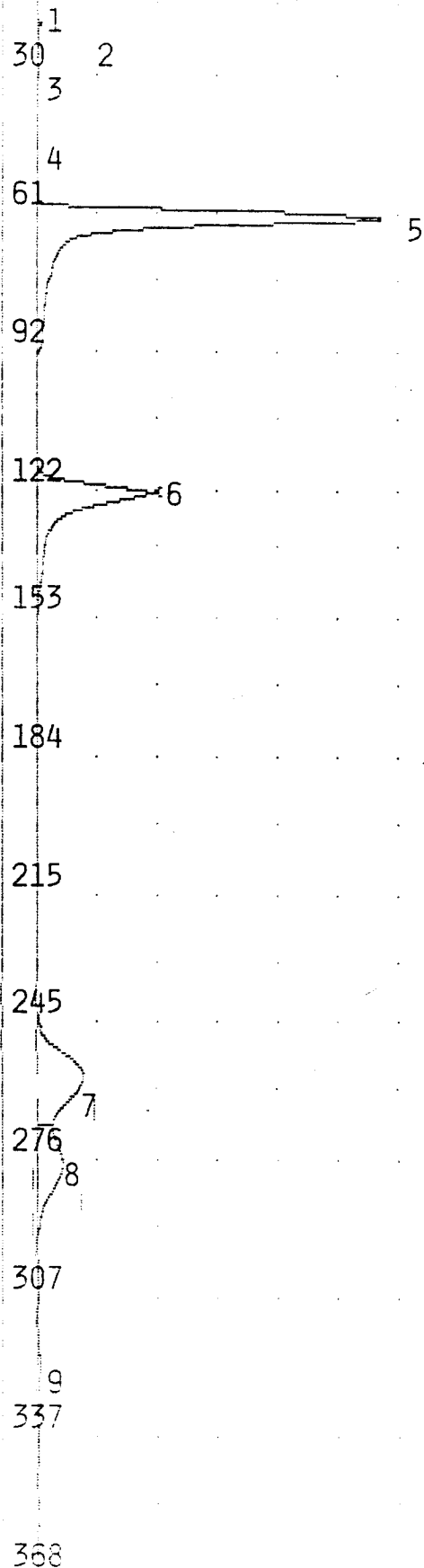
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.43 MVS	17.3
2	UNKNOWN	0.256 MVS	25.1
3	BENZENE	100.0 PPB	60.0
4	TOLUENE	100.0 PPB	122.2
5	UNKNOWN	2.758 MVS	225.6
6	ETHYLBENZENE	100.0 PPB	254.4
7	MP-XYLENE	200.0 PPB	273.6
8	O-XYLENE	100.0 PPB	321.3

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX

0 1 2 3 4 5
(x 100 MV)

TIME PRINTED: Nov 15,94 09:43

SAMPLE TIME: Nov 15,94 09:36

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.204 MVS	17.3
2	UNKNOWN	14.45 MVS	19.0
3	UNKNOWN	13.30 MVS	25.2
4	UNKNOWN	0.046 MVS	44.3
5	BENZENE	1.014 PPM	60.5
6	TOLUENE	1.341 PPM	122.4
7	ETHYLBENZENE	1.480 PPM	256.0
8	MP-XYLENE	2.422 PPM	275.2
9	O-XYLENE	1.587 PPM	323.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX

ANALYSIS #4

10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(X 100 MV)

TIME PRINTED: Nov 15,94 09:48

SAMPLE TIME: Nov 15,94 09:36

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

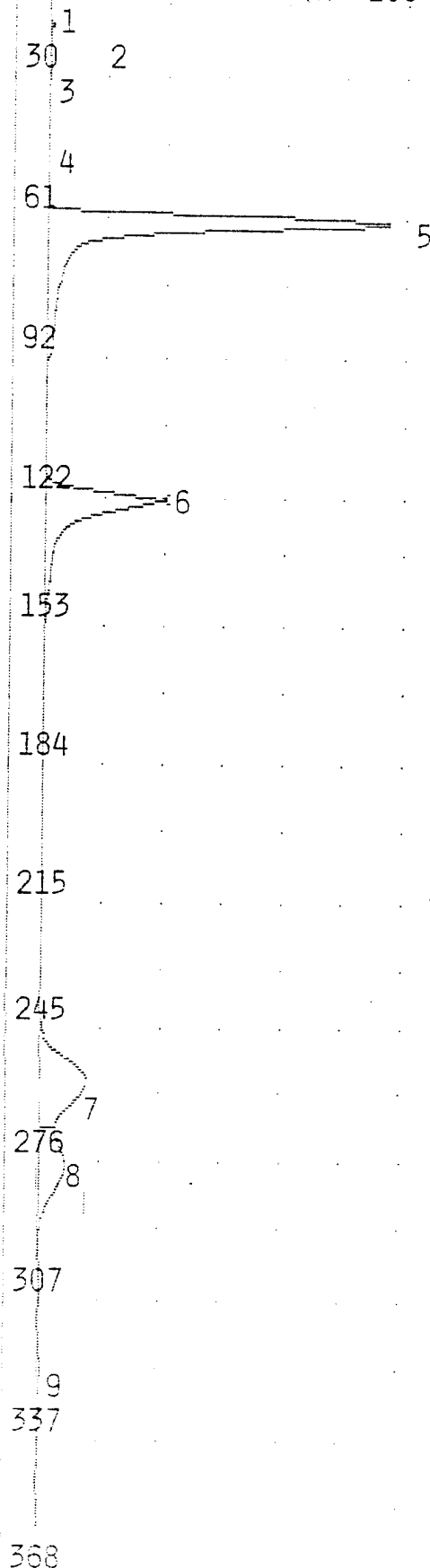
MAX GAIN 1000

ANALYSIS TIME 430.0 SEC

PEAK REPORT

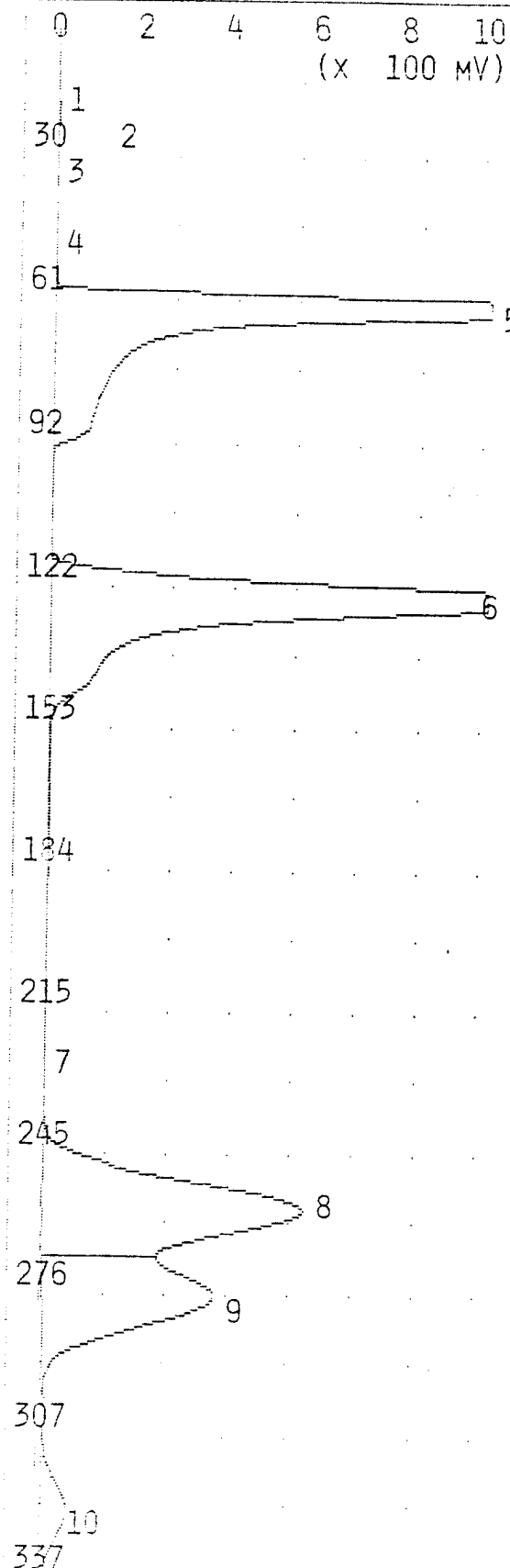
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.204 MVS	17.3
2	UNKNOWN	14.45 MVS	19.0
3	UNKNOWN	13.30 MVS	25.2
4	UNKNOWN	0.046 MVS	44.3
5	BENZENE	1.000 PPM	60.5
6	TOLUENE	1.000 PPM	122.4
7	ETHYLBENZENE	1.000 PPM	256.0
8	MP-XYLENE	2.000 PPM	275.2
9	O-XYLENE	1.000 PPM	323.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX

ANALYSIS #5

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 15,94 09:58

SAMPLE TIME: NOV 15,94 09:51

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.654 MVS	17.3
2	UNKNOWN	50.92 MVS	19.0
3	UNKNOWN	0.277 MVS	25.0
4	UNKNOWN	0.748 MVS	44.7
5	BENZENE	7.443 PPM	60.9
6	TOLUENE	10.64 PPM	123.2
7	UNKNOWN	5.997 MVS	222.8
8	ETHYLBENZENE	11.56 PPM	255.4
9	MP-XYLENE	27.03 PPM	274.4
10	O-XYLENE	11.47 PPM2	321.3

PPM1 = ALARM 1

PPM2 = ALARM2

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 PPM BTEX

0 2 4 6 8 10
(X 100 MV)

TIME PRINTED: Nov 15,94 10:03

SAMPLE TIME: Nov 15,94 09:51

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

MAX GAIN 1000

ANALYSIS TIME 430.0 SEC

PEAK REPORT

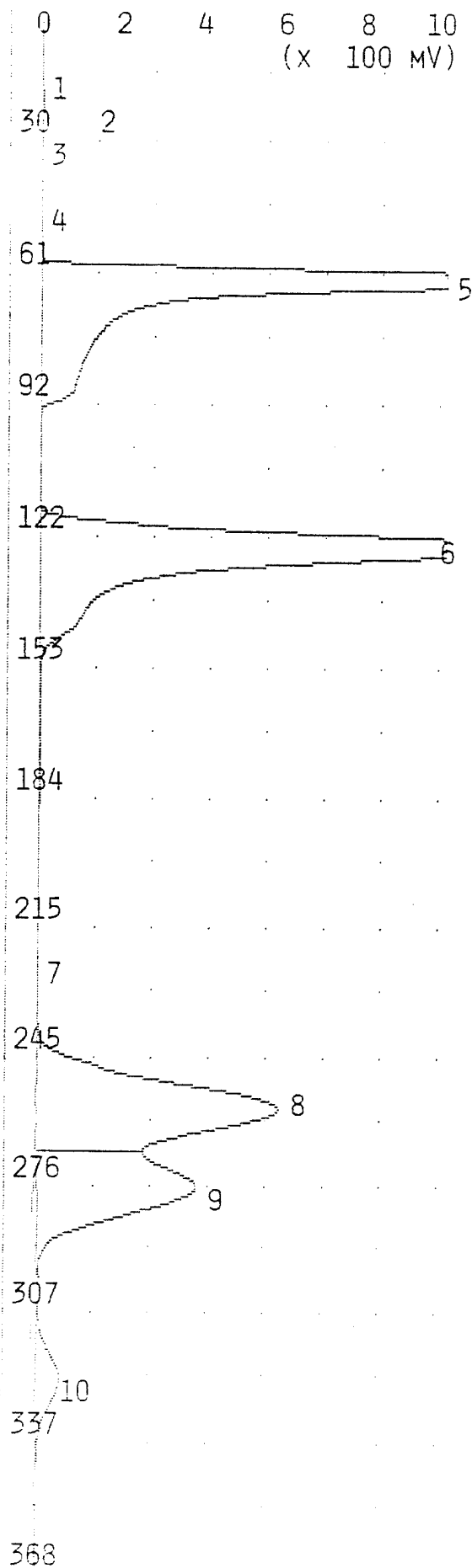
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.654 MVS	17.3
2	UNKNOWN	50.92 MVS	19.0
3	UNKNOWN	0.277 MVS	25.0
4	UNKNOWN	0.748 MVS	44.7
5	BENZENE	10.00 PPM	60.9
6	TOLUENE	10.00 PPM	123.2
7	UNKNOWN	5.997 MVS	222.8
8	ETHYLBENZENE	10.00 PPM	255.4
9	MP-XYLENE	20.00 PPM	274.4
10	O-XYLENE	10.02 PPM2	321.3

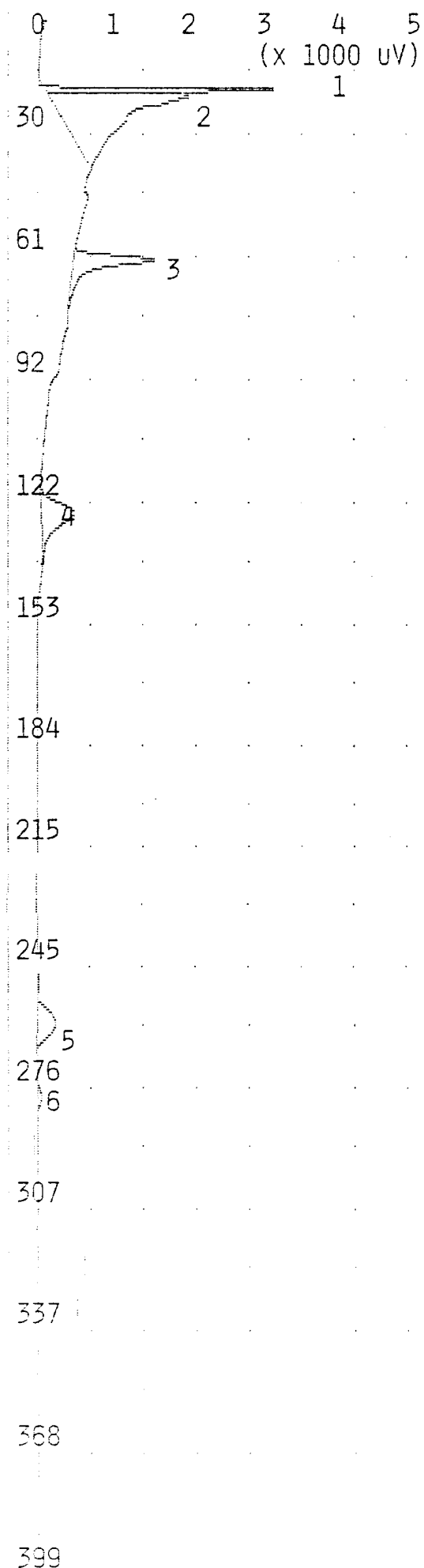
PPM1 = ALARM 1

PPM2 = ALARM2

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 PPM BTEX





TIME PRINTED: NOV 15,94 10:13

SAMPLE TIME: NOV 15,94 10:06

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

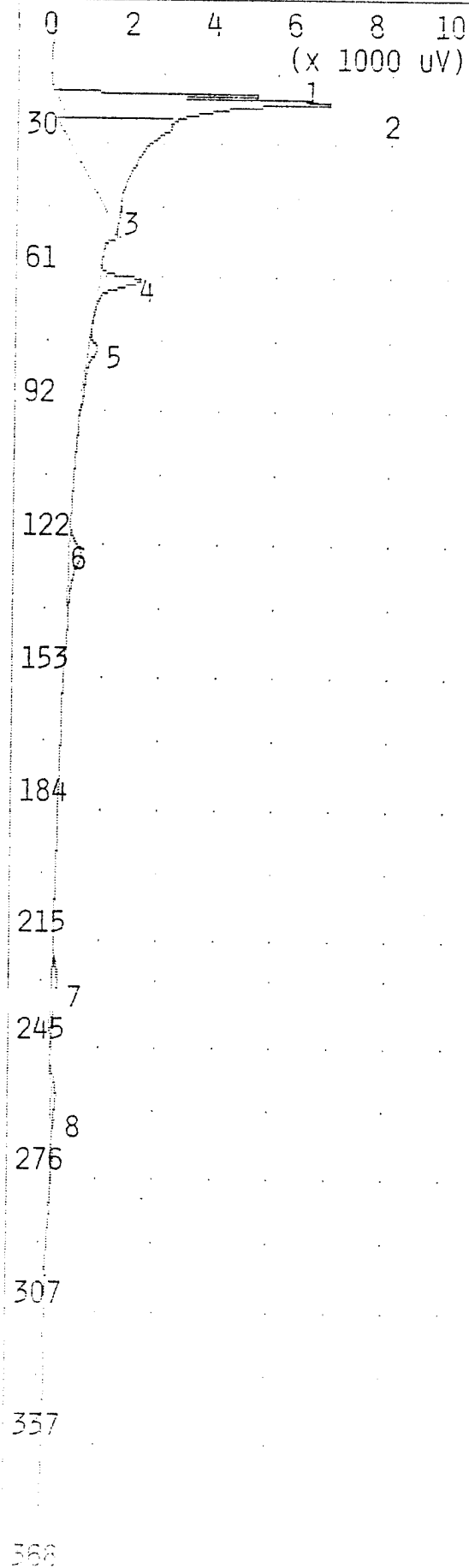
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.032 MVS	17.4
2	UNKNOWN	13.24 MVS	19.2
3	BENZENE	1.909 PPB	60.3
4	TOLUENE	3.414 PPB	123.2
5	ETHYLBENZENE	15.88 PPB	257.6
6	MP-XYLENE	28.65 PPB	276.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 15,94 10:23

SAMPLE TIME: NOV 15,94 10:16

METHOD

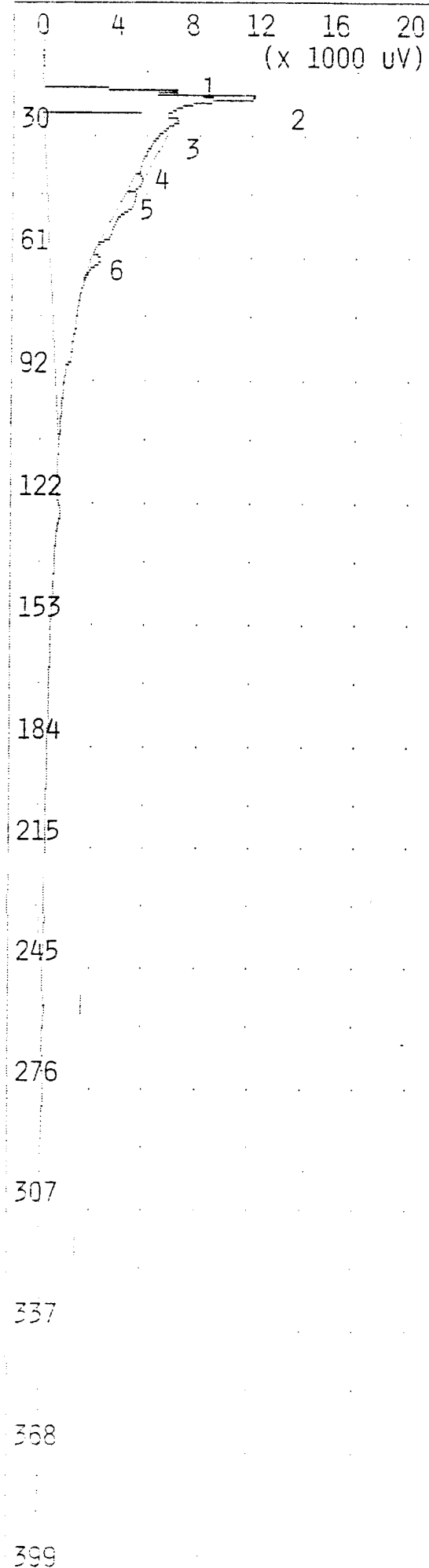
SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 28 C
 MAX GAIN 1000
 ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.231 MVS	17.3
2	UNKNOWN	47.42 MVS	19.0
3	UNKNOWN	0.059 MVS	43.8
4	BENZENE	1.719 PPB	60.4
5	UNKNOWN	1.246 MVS	76.0
6	TOLUENE	2.018 PPB	123.0
7	UNKNOWN	1.506 MVS	228.2
8	ETHYLBENZENE	2.182 PPB	256.2

NOTES

JOE BYRD, JR.
 0008 BAY ANG8
 CB-005PZ 3.5- 5.0



TIME PRINTED: NOV 15,94 10:34

SAMPLE TIME: NOV 15,94 10:26

METHOD

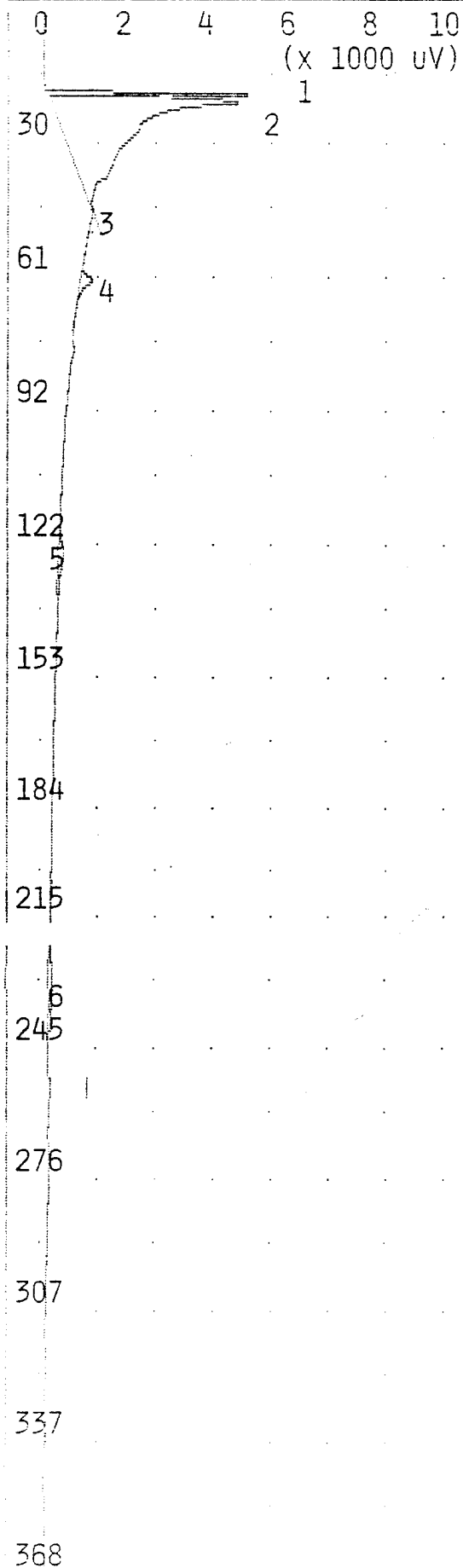
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.870 MVS	17.2
2	UNKNOWN	251.2 MVS	18.9
3	UNKNOWN	1.998 MVS	24.9
4	UNKNOWN	2.194 MVS	39.8
5	UNKNOWN	6.266 MVS	43.8
6	BENZENE	0.740 PPB	60.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-005PZ 8.5-10.0



TIME PRINTED: NOV 15,94 10:44

SAMPLE TIME: NOV 15,94 10:36

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

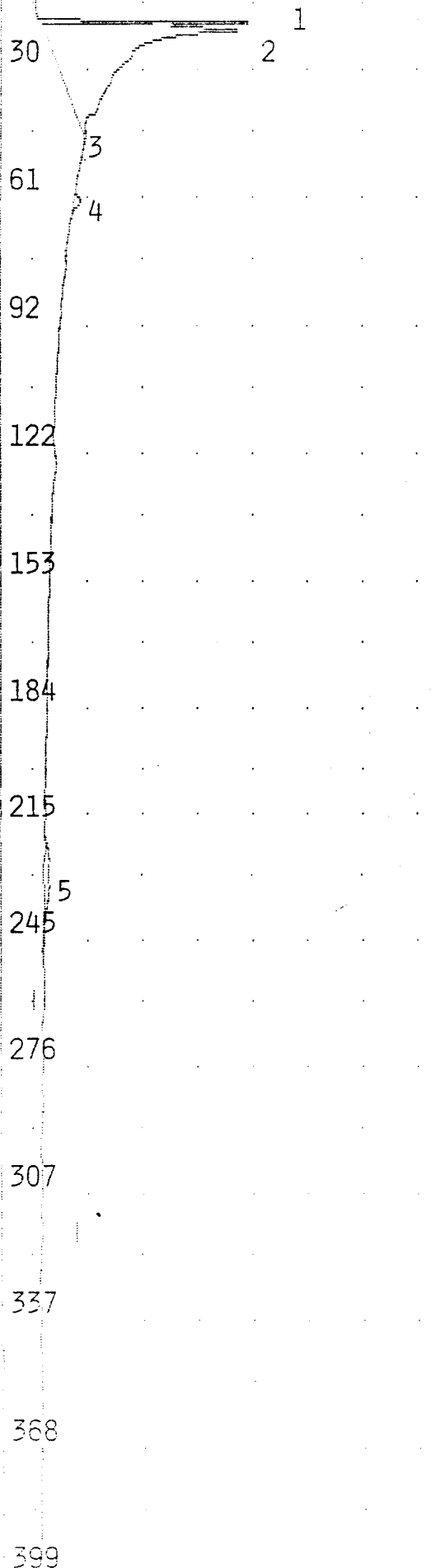
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.543 MVS	17.3
2	UNKNOWN	36.30 MVS	19.0
3	UNKNOWN	0.026 MVS	44.0
4	BENZENE	0.442 PPB	60.5
5	TOLUENE	0.765 PPB	123.2
6	UNKNOWN	0.921 MVS	227.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-005PZ 13.5-15.0

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT

0 2 4 6 8 10
(x 1000 UV)



TIME PRINTED: Nov 15,94 10:54

SAMPLE TIME: Nov 15,94 10:47

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

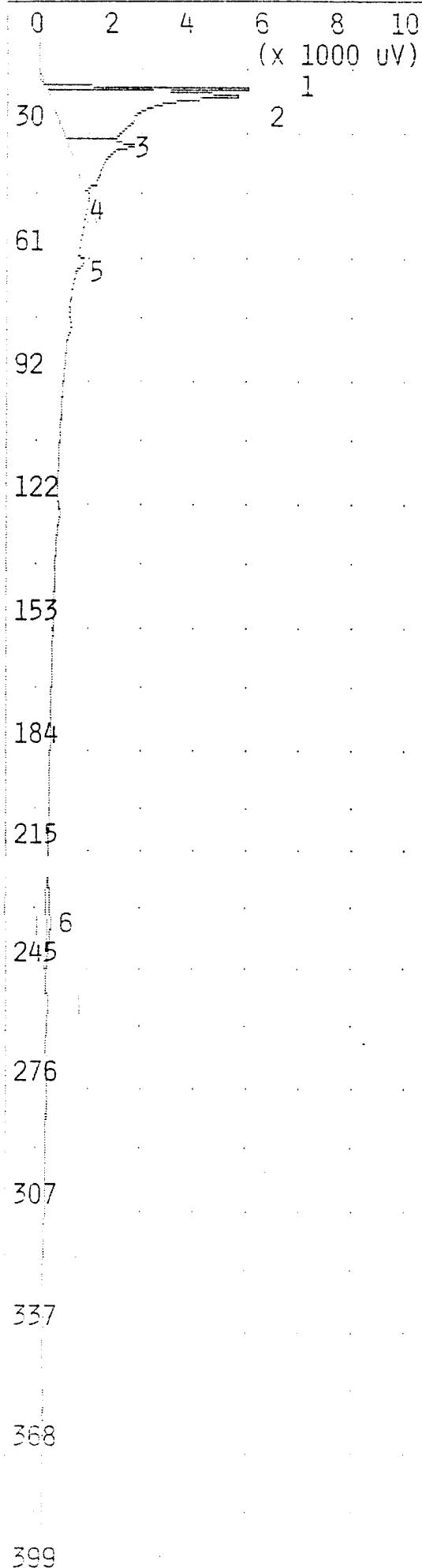
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.929 MVS	17.4
2	UNKNOWN	39.54 MVS	19.1
3	UNKNOWN	0.076 MVS	44.2
4	BENZENE	0.255 PPB	60.1
5	UNKNOWN	1.820 MVS	228.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-005PZ 18.5-20.0

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 11:04

SAMPLE TIME: Nov 15,94 10:57

METHOD

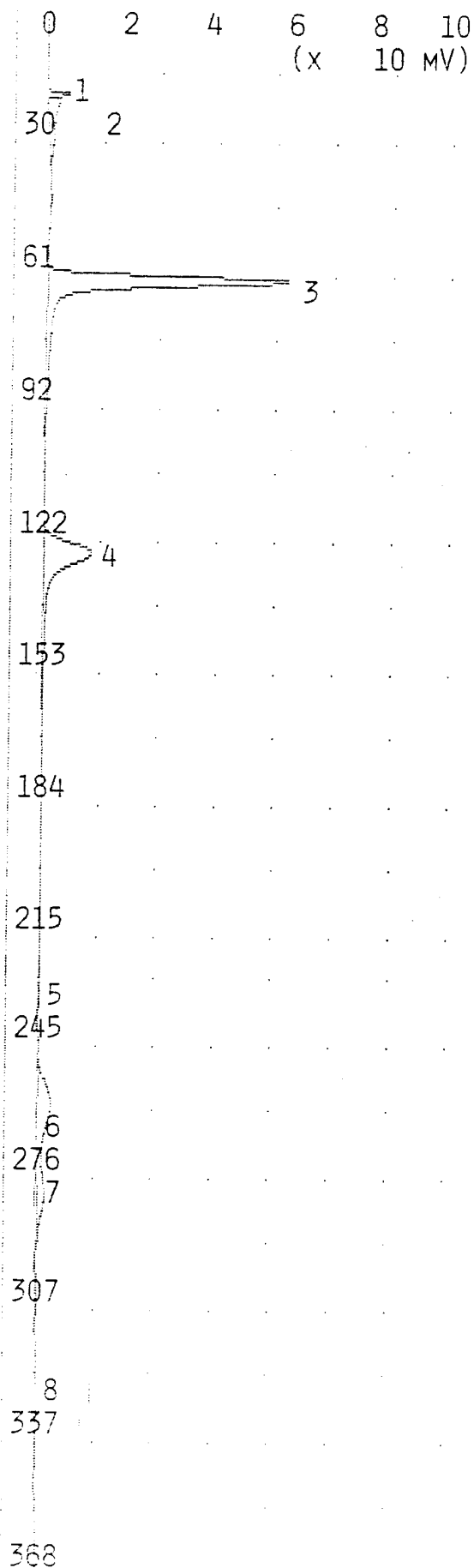
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.038 MVS	17.3
2	UNKNOWN	30.95 MVS	19.0
3	UNKNOWN	10.62 MVS	31.6
4	UNKNOWN	0.176 MVS	44.0
5	BENZENE	0.273 PPB	60.4
6	UNKNOWN	1.202 MVS	227.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PZ 23.5-24.5



TIME PRINTED: Nov 15,94 11:15

SAMPLE TIME: Nov 15,94 11:08

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

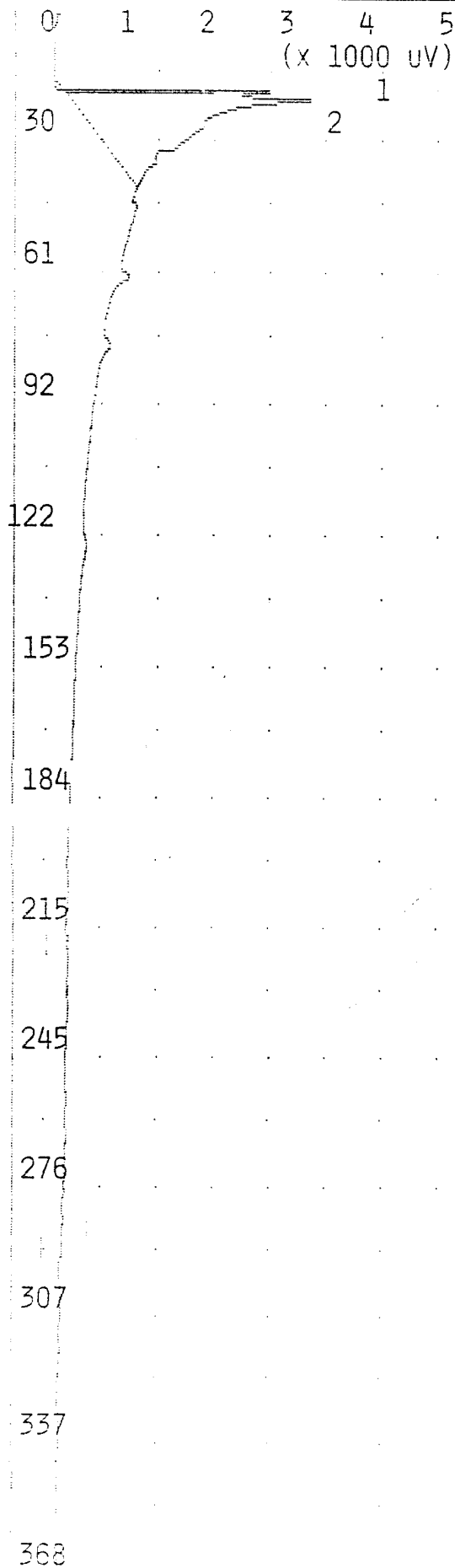
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.487 MVS	17.4
2	UNKNOWN	26.15 MVS	19.1
3	BENZENE	99.93 PPB	60.5
4	TOLUENE	90.35 PPB	123.4
5	UNKNOWN	2.158 MVS	228.2
6	ETHYLBENZENE	84.15 PPB	257.0
7	MP-XYLENE	171.1 PPB	276.8
8	O-XYLENE	79.97 PPB	324.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
100 PPB BTEX

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 11:25

SAMPLE TIME: Nov 15,94 11:18

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 28 C
 MAX GAIN 1000

ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.211 MVS	17.5
2	UNKNOWN	23.71 MVS	19.2

NOTES

JOE BYRD, JR.
 COOS BAY ANGCS
 AIR BLANK

0 2 4 6 8 10
(x 10 MV)

TIME PRINTED: NOV 17,94 13:24

SAMPLE TIME: NOV 17,94 13:17

METHOD

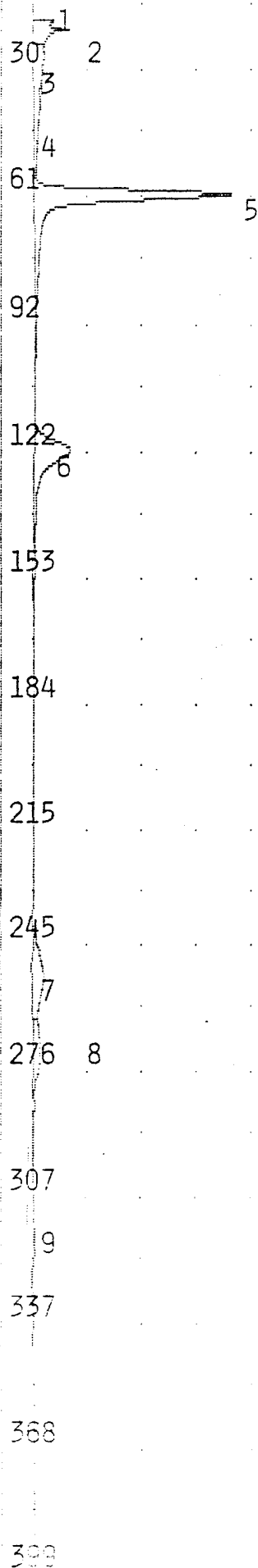
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

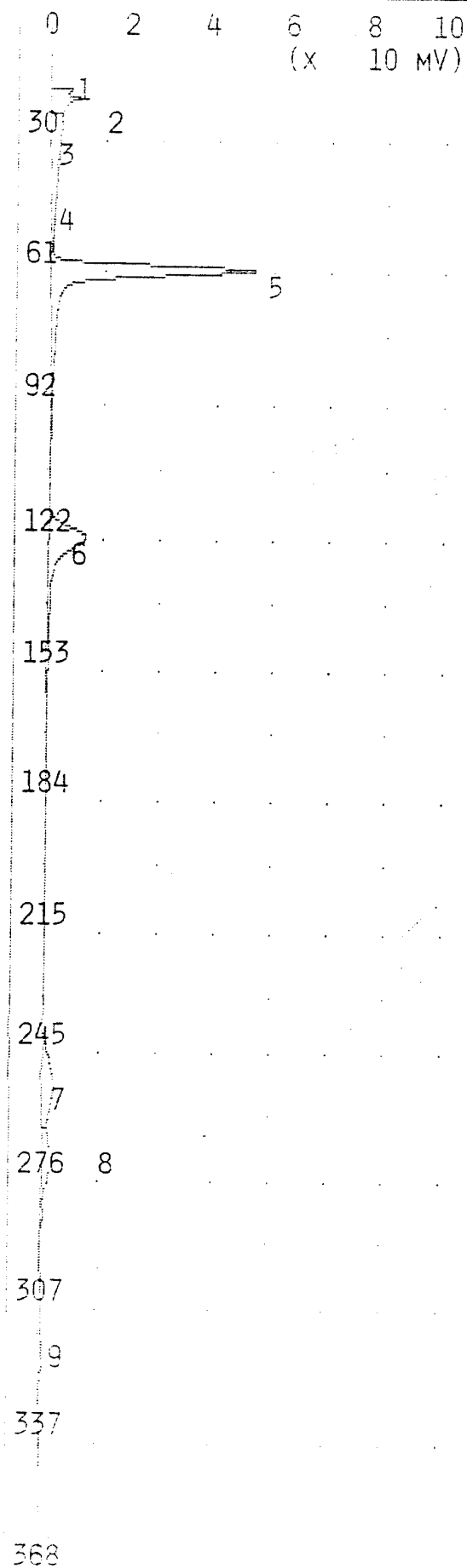
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.129 MVS	17.0
2	UNKNOWN	73.12 MVS	18.6
3	UNKNOWN	0.444 MVS	24.7
4	UNKNOWN	0.300 MVS	44.2
5	UNKNOWN	186.8 MVS	59.0
6	UNKNOWN	69.29 MVS	120.4
7	UNKNOWN	38.55 MVS	250.4
8	UNKNOWN	27.33 MVS	269.3
9	UNKNOWN	4.568 MVS	315.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 13:32

SAMPLE TIME: Nov 17,94 13:17

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.129 MVS	17.0
2	UNKNOWN	73.12 MVS	18.6
3	UNKNOWN	0.444 MVS	24.7
4	UNKNOWN	0.300 MVS	44.2
5	BENZENE	100.0 PPB	59.0
6	TOLUENE	100.0 PPB	120.4
7	ETHYLBENZENE	100.0 PPB	250.4
8	MP-XYLENE	200.0 PPB	269.3
9	O-XYLENE	100.0 PPB	315.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

0 1 2 3 4 5
(x 100 MV)

TIME PRINTED: NOV 17,94 13:43

SAMPLE TIME: NOV 17,94 13:36

METHOD

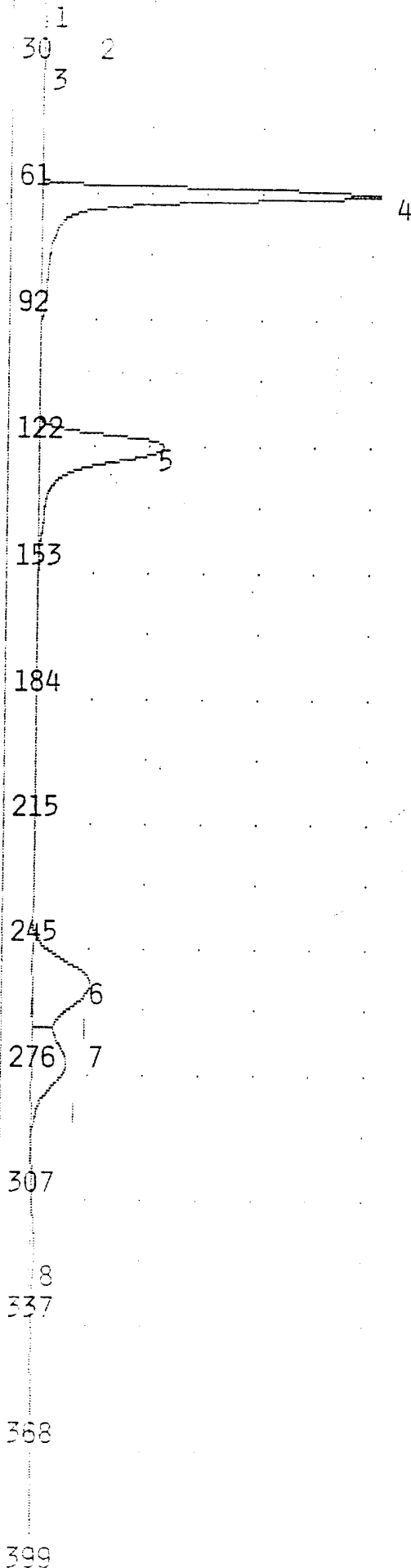
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.986 MVS	17.0
2	UNKNOWN	13.99 MVS	18.7
3	UNKNOWN	12.08 MVS	24.7
4	BENZENE	1.045 PPM	59.7
5	TOLUENE	1.992 PPM	121.0
6	ETHYLBENZENE	2.677 PPM	252.0
7	MP-XYLENE	4.483 PPM	271.2
8	O-XYLENE	3.209 PPM	318.4

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
1 PPM BTEX



0 1 2 3 4 5
(x 100 MV)

TIME PRINTED: NOV 17,94 13:47

SAMPLE TIME: NOV 17,94 13:36

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 27 C

MAX GAIN 1000

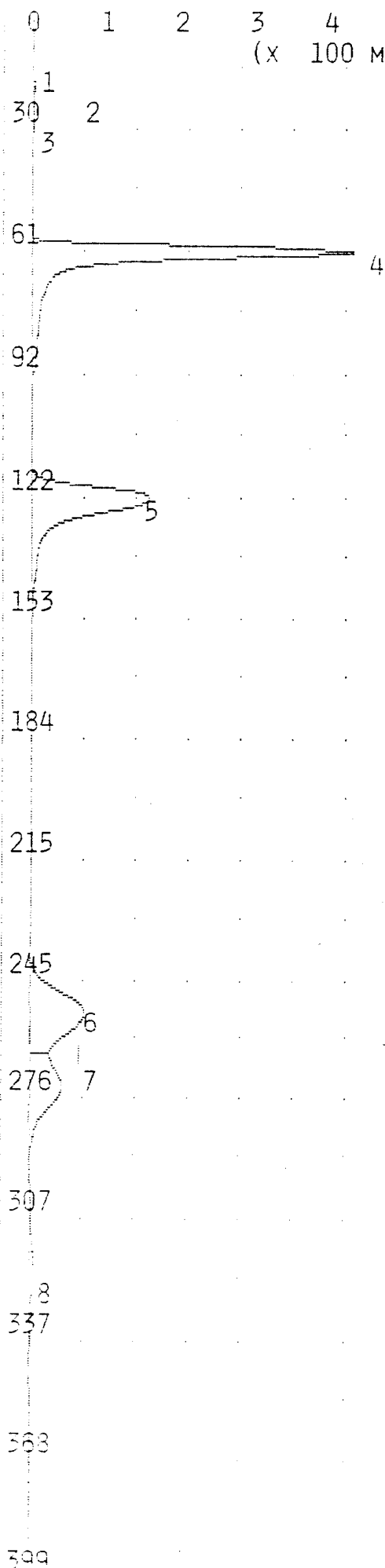
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.986 MVS	17.0
2	UNKNOWN	13.99 MVS	18.7
3	UNKNOWN	12.08 MVS	24.7
4	BENZENE	1.000 PPM	59.7
5	TOLUENE	1.000 PPM	121.0
6	ETHYLBENZENE	1.000 PPM	252.0
7	MP-XYLENE	2.000 PPM	271.2
8	O-XYLENE	1.005 PPM	318.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX



0 2 4 6 8 10
(x 100 MV)

TIME PRINTED: NOV 17,94 13:58

SAMPLE TIME: NOV 17,94 13:51

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 28 C

MAX GAIN 1000

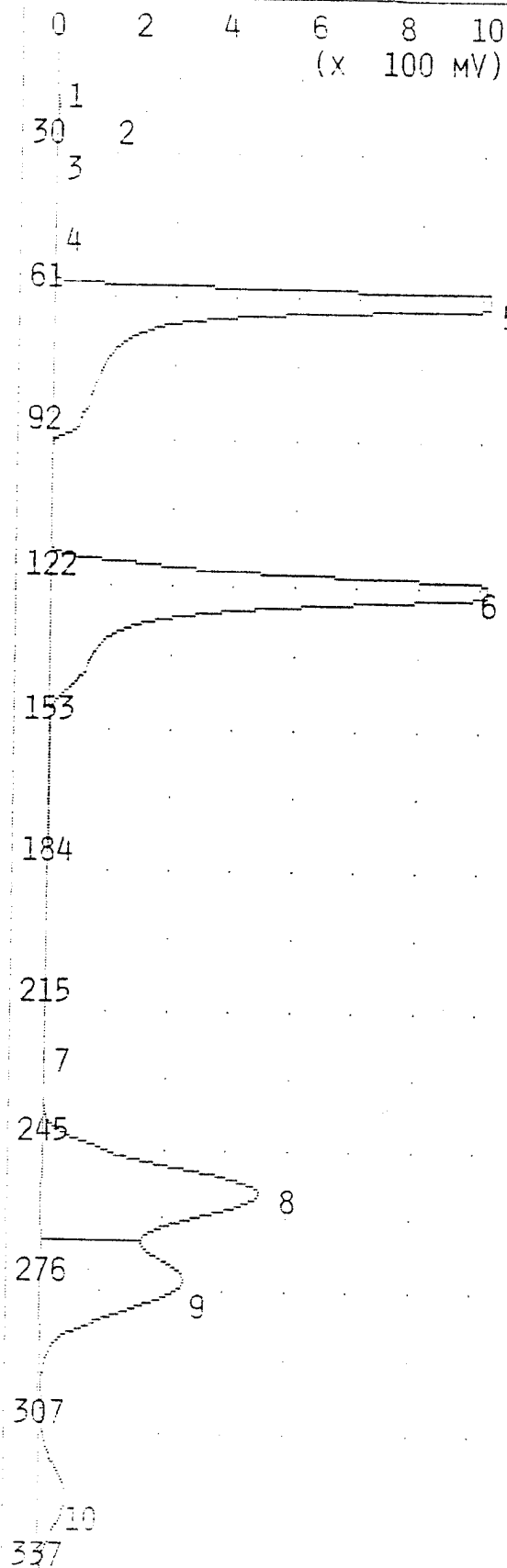
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.951 MVS	17.0
2	UNKNOWN	63.86 MVS	18.6
3	UNKNOWN	0.557 MVS	24.8
4	UNKNOWN	0.091 MVS	44.4
5	BENZENE	6.427 PPM	60.0
6	TOLUENE	7.661 PPM	121.4
7	UNKNOWN	4.515 MVS	219.2
8	ETHYLBENZENE	6.938 PPM	252.8
9	MP-XYLENE	15.85 PPM	272.0
10	O-XYLENE	6.897 PPM	318.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
10³ PPM BTEX



TIME PRINTED: NOV 17,94 14:03

SAMPLE TIME: NOV 17,94 13:51

METHOD

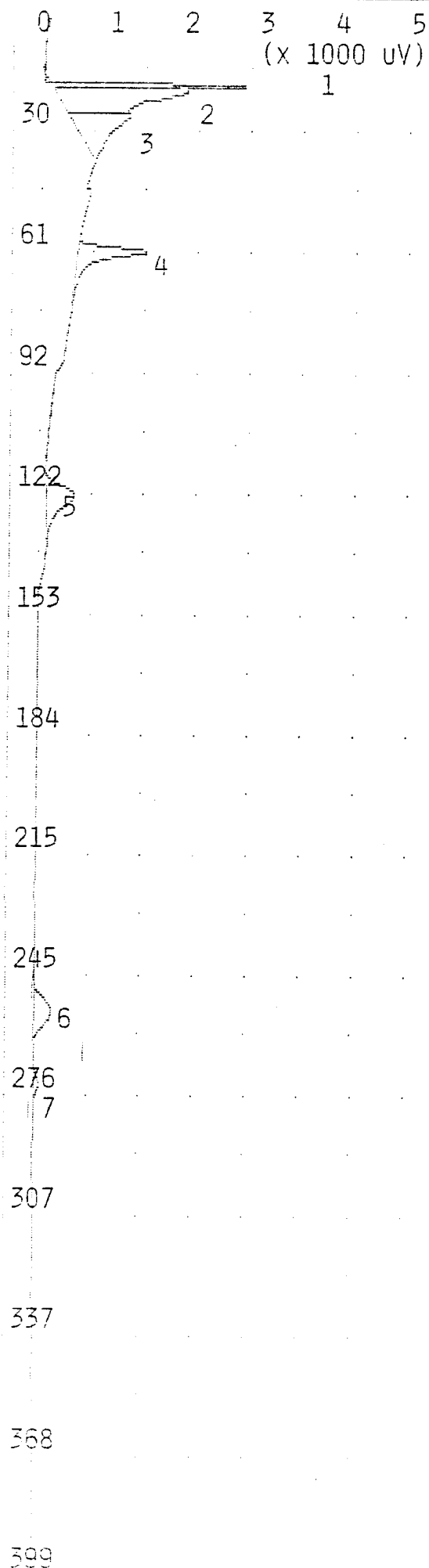
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.951 MVS	17.0
2	UNKNOWN	63.86 MVS	18.6
3	UNKNOWN	0.557 MVS	24.8
4	UNKNOWN	0.091 MVS	44.4
5	BENZENE	10.00 PPM	60.0
6	TOLUENE	10.00 PPM	121.4
7	UNKNOWN	4.515 MVS	219.2
8	ETHYLBENZENE	10.00 PPM	252.8
9	MP-XYLENE	20.00 PPM	272.0
10	O-XYLENE	10.02 PPM	318.9

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
10 PPM BTEX



TIME PRINTED: NOV 17,94 14:14

SAMPLE TIME: NOV 17,94 14:06

METHOD

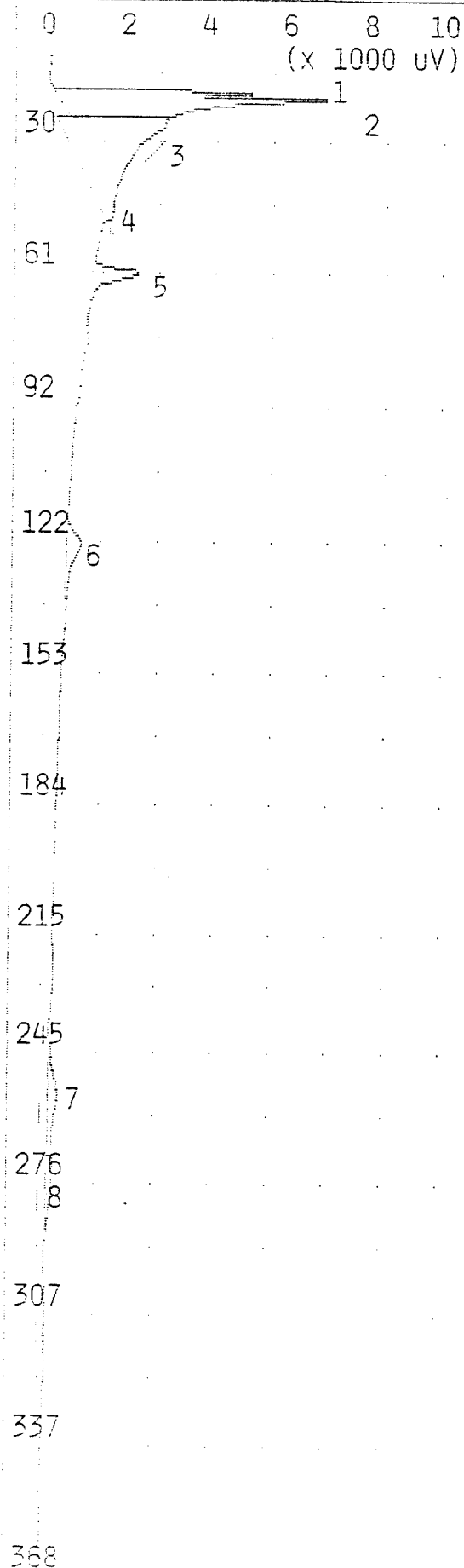
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.636 MVS	17.1
2	UNKNOWN	7.621 MVS	18.9
3	UNKNOWN	4.907 MVS	24.7
4	BENZENE	1.723 PPB	59.4
5	TOLUENE	4.012 PPB	121.3
6	ETHYLBENZENE	17.65 PPB	253.3
7	MP-XYLENE	31.47 PPB	271.4

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
AIR BLANK



TIME PRINTED: NOV 17,94 14:24

SAMPLE TIME: NOV 17,94 14:17

METHOD

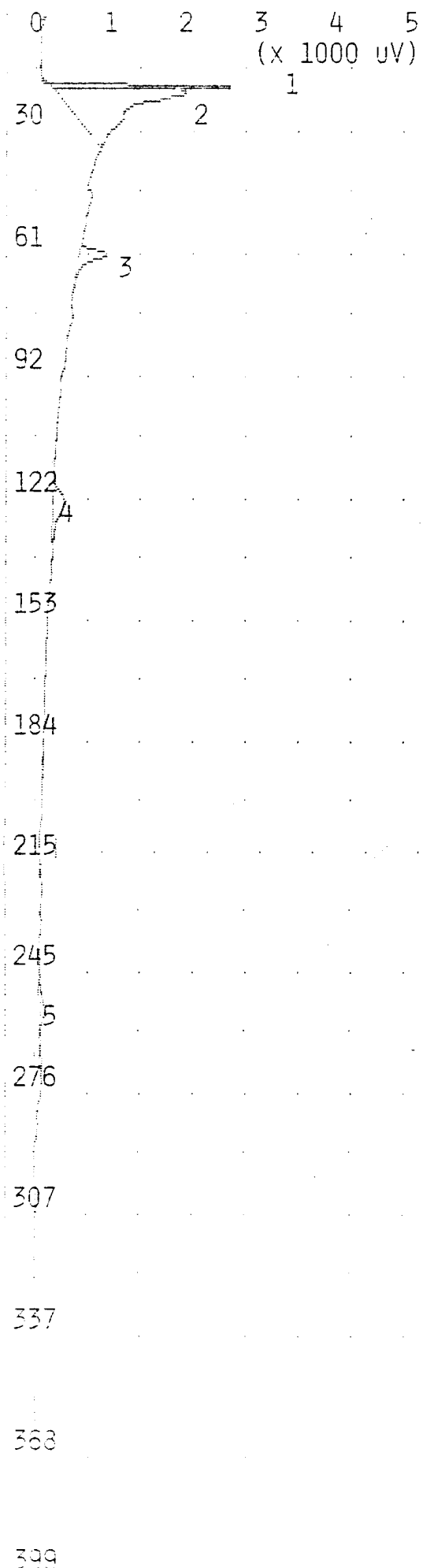
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 28 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.948 MVS	17.2
2	UNKNOWN	45.55 MVS	18.8
3	UNKNOWN	0.324 MVS	24.9
4	UNKNOWN	0.084 MVS	43.8
5	BENZENE	1.948 PPB	59.6
6	TOLUENE	3.359 PPB	121.6
7	ETHYLBENZENE	7.801 PPB	253.6
8	MP-XYLENE	10.39 PPB	272.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
MSS-004BH 3.5- 9.5



TIME PRINTED: NOV 17,94 14:34

SAMPLE TIME: NOV 17,94 14:27

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.097 MVS	17.2
2	UNKNOWN	10.10 MVS	19.0
3	BENZENE	0.629 PPB	59.7
4	TOLUENE	1.564 PPB	121.7
5	ETHYLBENZENE	1.421 PPB	252.8

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
SF-003BH 1.0- 2.0

ANALYSIS #7

10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(x 1000 UV)

TIME PRINTED: NOV 17,94 14:49

SAMPLE TIME: NOV 17,94 14:37

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 29 C

MAX GAIN 1000

ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.635 MVS	18.7
2	UNKNOWN	6.090 MVS	25.1
3	UNKNOWN	2.871 MVS	33.4
4	UNKNOWN	0.100 MVS	44.1
5	BENZENE	0.467 PPB	59.6
6	TOLUENE	0.817 PPB	121.8
7	UNKNOWN	1.351 MVS	225.8

NOTES

JOE BYRD, JR.
COCS BAY ANG5
SF-001BH 4.5- 5.5

0

1

2

3

4

5

30

1

2

3

4

61

5

92

122

6

153

184

215

245

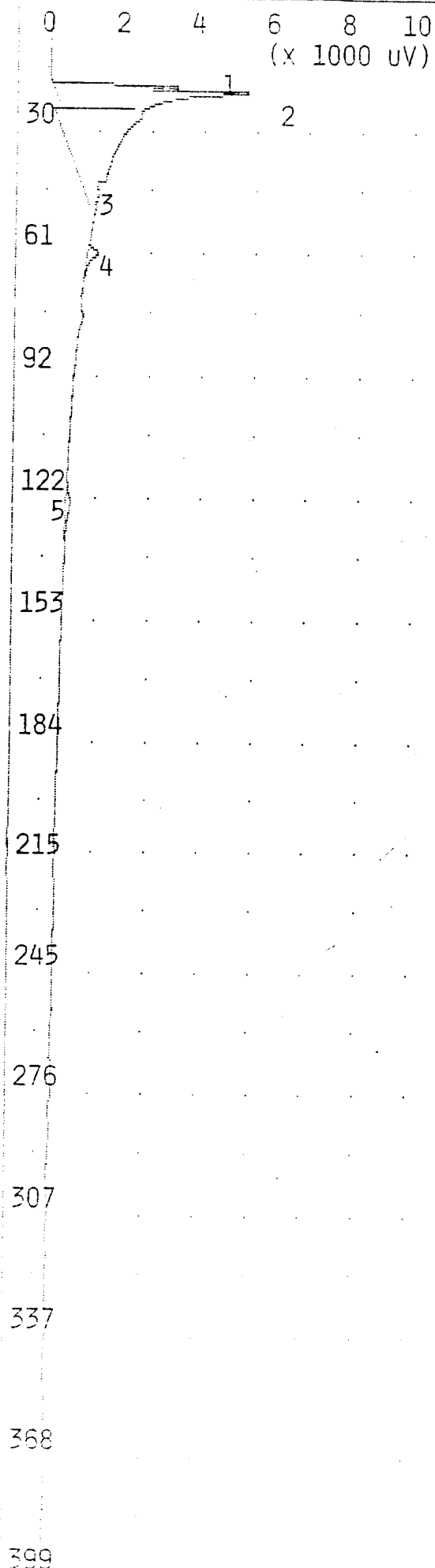
276

307

337

368

399



TIME PRINTED: NOV 17,94 14:59

SAMPLE TIME: NOV 17,94 14:52

METHOD

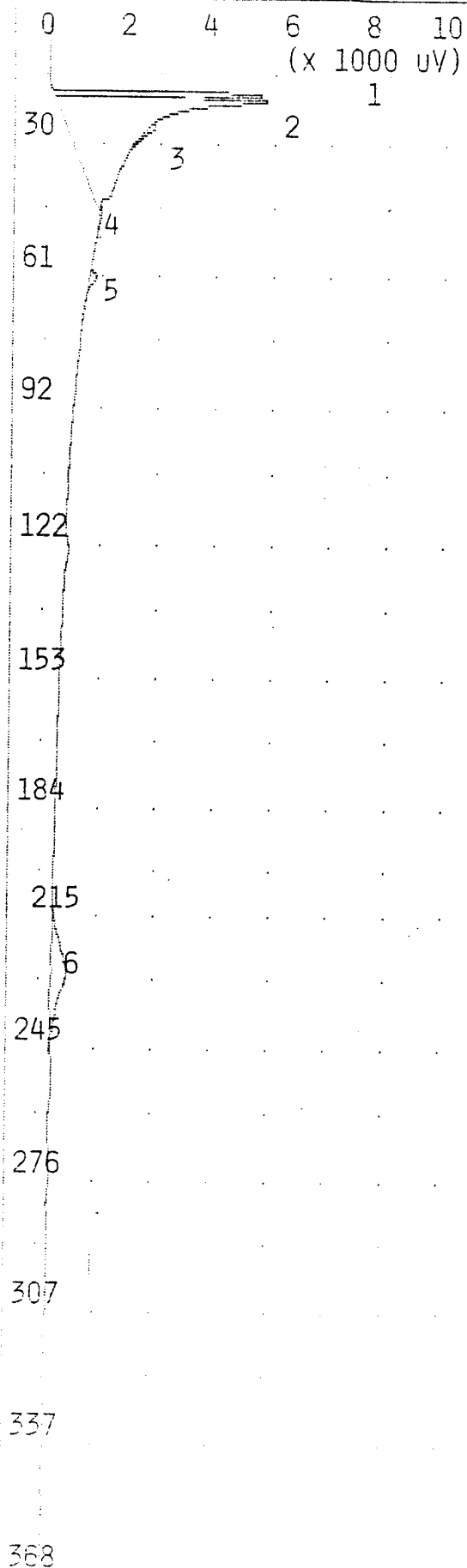
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.778 MVS	17.2
2	UNKNOWN	41.09 MVS	18.8
3	UNKNOWN	0.156 MVS	43.3
4	BENZENE	0.424 PPB	59.6
5	TOLUENE	0.844 PPB	121.6

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
TS-002BH 1.0- 2.0



TIME PRINTED: NOV 17,94 15:10

SAMPLE TIME: NOV 17,94 15:03

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.673 MVS	17.1
2	UNKNOWN	41.27 MVS	18.8
3	UNKNOWN	0.264 MVS	24.7
4	UNKNOWN	0.070 MVS	43.9
5	BENZENE	0.264 PPB	59.7
6	UNKNOWN	5.210 MVS	225.0

NOTES

JOE BYRD, JR.
COOS BAY ANGUS
A40-002BH 4.5

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(x 10 MV)

TIME PRINTED: NOV 17,94 15:20

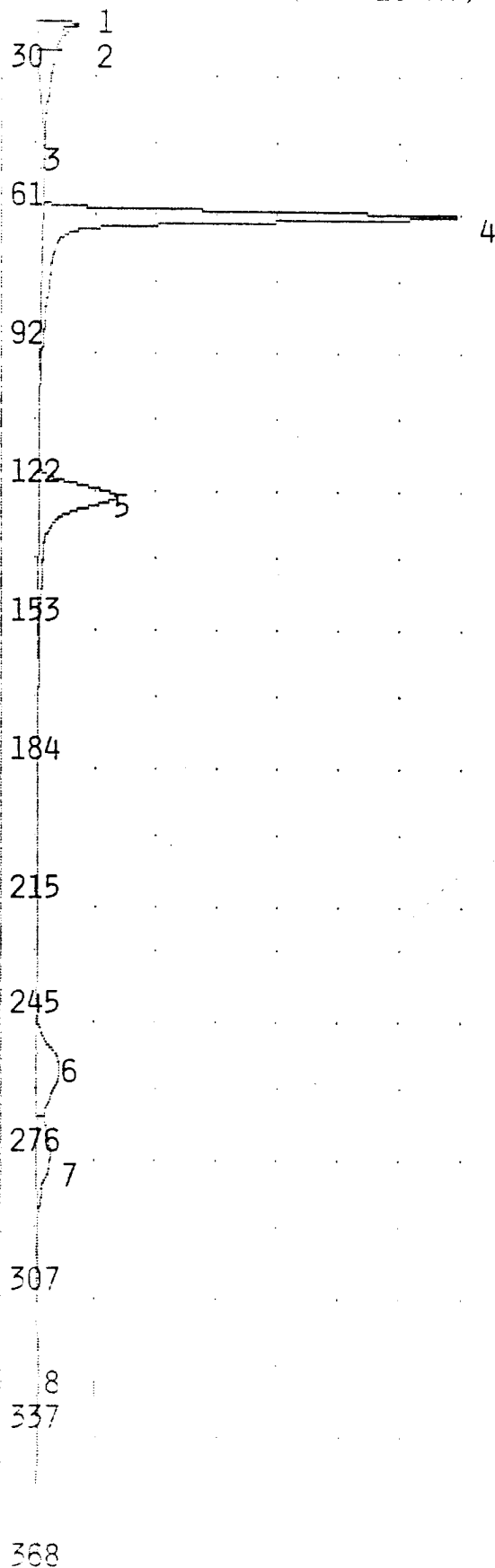
SAMPLE TIME: NOV 17,94 15:13

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

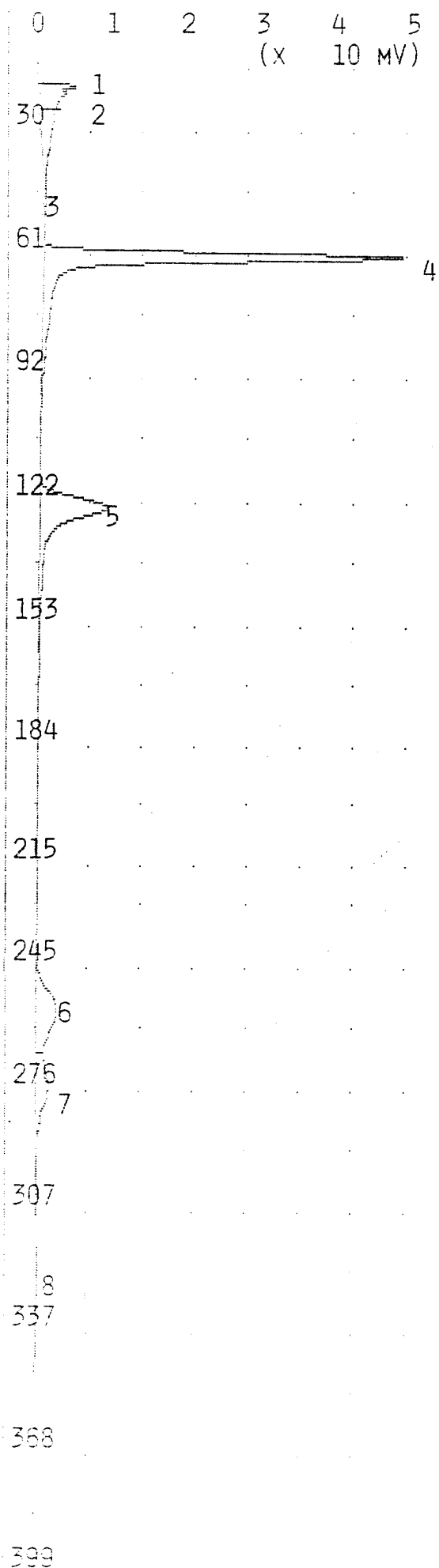
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.055 MVS	17.1
2	UNKNOWN	31.36 MVS	18.8
3	UNKNOWN	0.016 MVS	43.6
4	BENZENE	84.06 PPB	59.8
5	TOLUENE	95.05 PPB	121.8
6	ETHYLBENZENE	92.35 PPB	253.8
7	MP-XYLENE	185.6 PPB	272.8
8	O-XYLENE	87.98 PPB	319.2



NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: NOV 17,94 15:24

SAMPLE TIME: NOV 17,94 15:13

METHOD

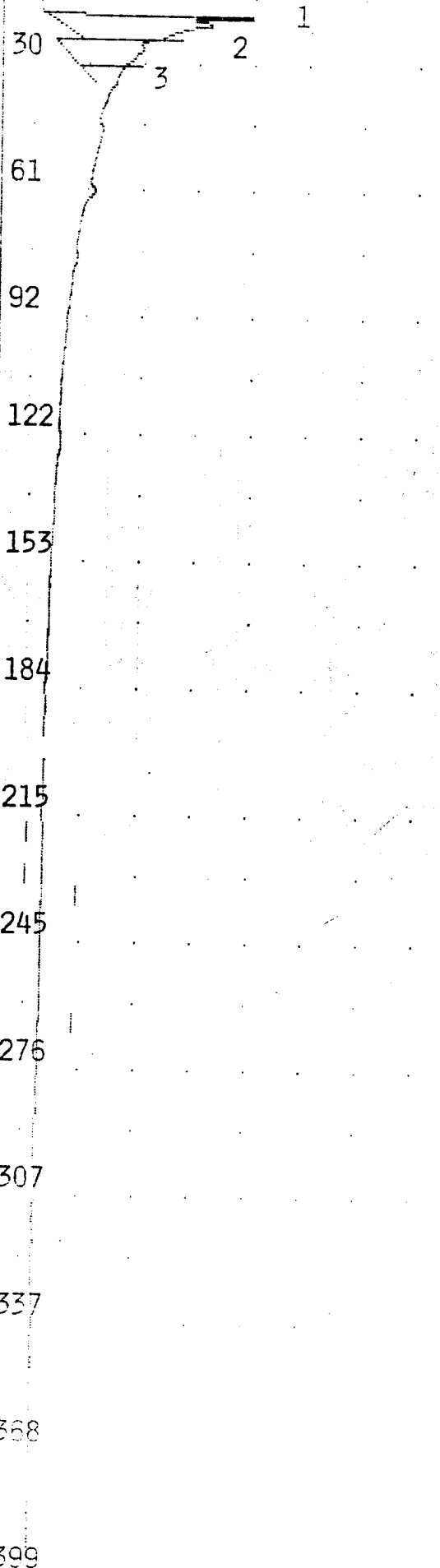
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 29 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.055 MVS	17.1
2	UNKNOWN	31.36 MVS	18.8
3	UNKNOWN	0.016 MVS	43.6
4	BENZENE	100.0 PPB	59.8
5	TOLUENE	99.99 PPB	121.8
6	ETHYLBENZENE	100.0 PPB	253.8
7	MP-XYLENE	199.9 PPB	272.8
8	O-XYLENE	100.0 PPB	319.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX

Q 1 2 3 4 5
(x 1000 uV)TIME PRINTED: Nov 17,94 15:35
SAMPLE TIME: Nov 17,94 15:28

METHOD

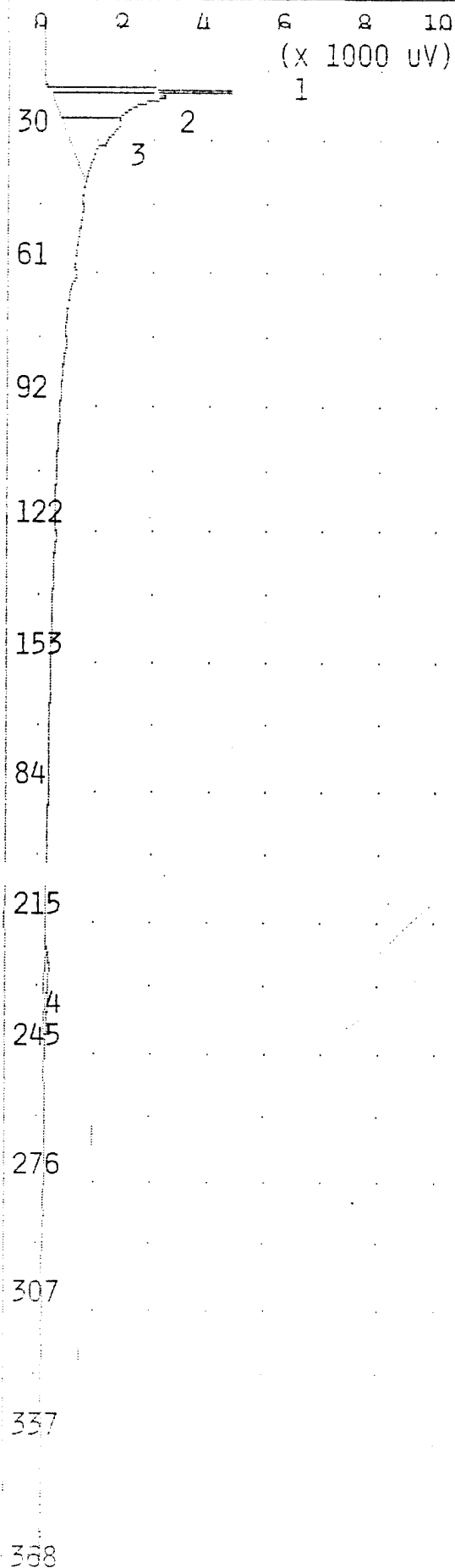
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.926 MVS	17.3
2	UNKNOWN	8.709 MVS	19.0
3	UNKNOWN	3.422 MVS	25.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK



TIME PRINTED: NOV 17,94 15:45

SAMPLE TIME: NOV 17,94 15:38

METHOD

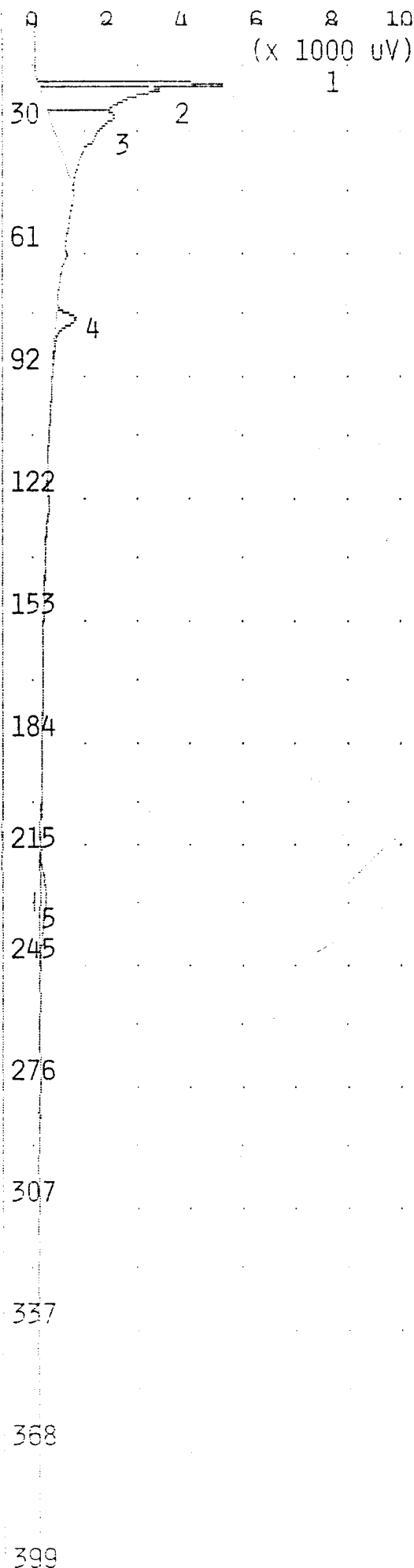
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.848 MVS	17.2
2	UNKNOWN	12.11 MVS	18.8
3	UNKNOWN	9.464 MVS	24.9
4	UNKNOWN	0.994 MVS	226.0

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
SF-0023H 1.0- 2.0



TIME PRINTED: NOV 17,94 15:55

SAMPLE TIME: NOV 17,94 15:48

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

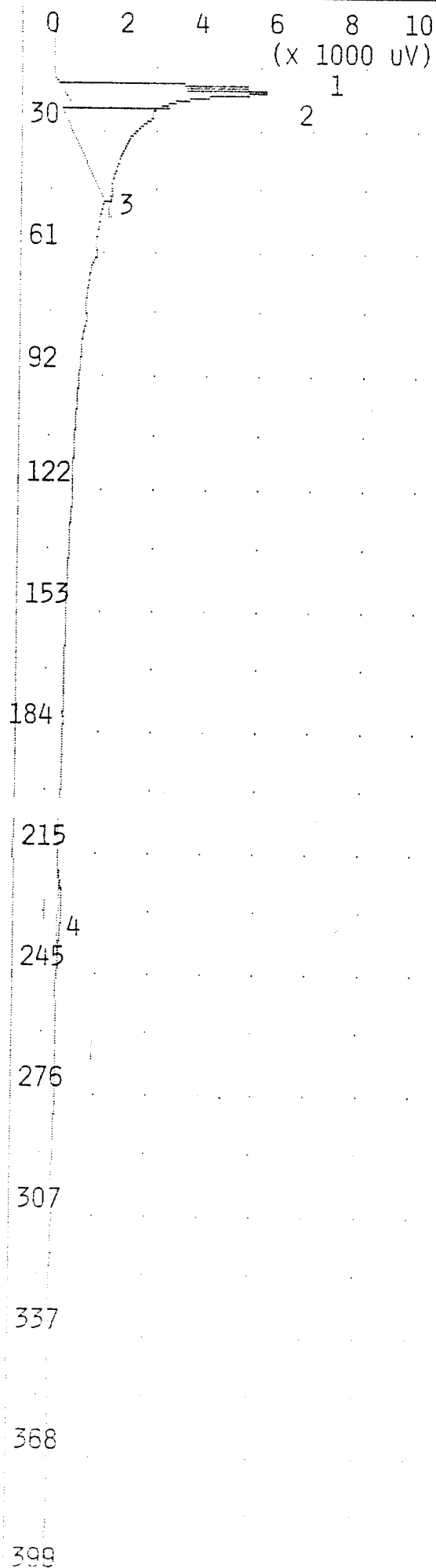
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.187 MVS	17.1
2	UNKNOWN	13.32 MVS	18.8
3	UNKNOWN	14.54 MVS	25.2
4	UNKNOWN	2.027 MVS	75.7
5	UNKNOWN	1.882 MVS	227.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
TS-002BH 4.0- 5.0

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 16:10

SAMPLE TIME: Nov 17,94 15:58

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 30 C
 MAX GAIN 1000
 ANALYSIS TIME 430.0 SEC

PEAK REPORT

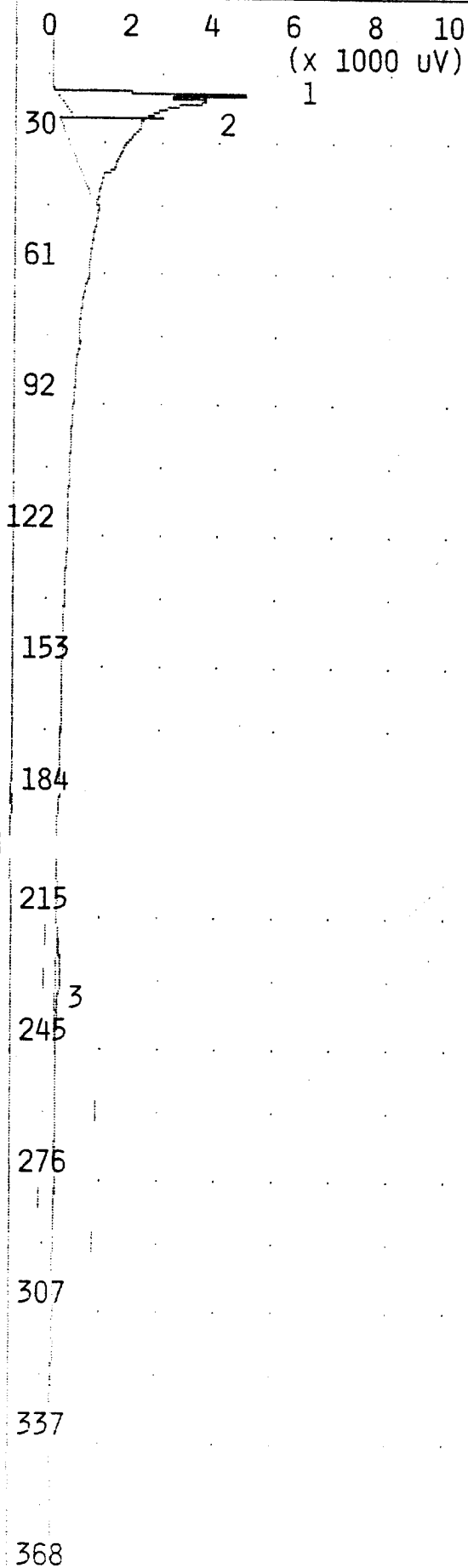
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.209 MVS	17.2
2	UNKNOWN	40.12 MVS	18.9
3	UNKNOWN	0.059 MVS	43.8
4	UNKNOWN	1.015 MVS	226.4

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 A40-002BH 1.0- 2.0

ANALYSIS #15

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 16:21

SAMPLE TIME: Nov 17,94 16:14

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 30 C

MAX GAIN 1000

ANALYSIS TIME 430.0 SEC

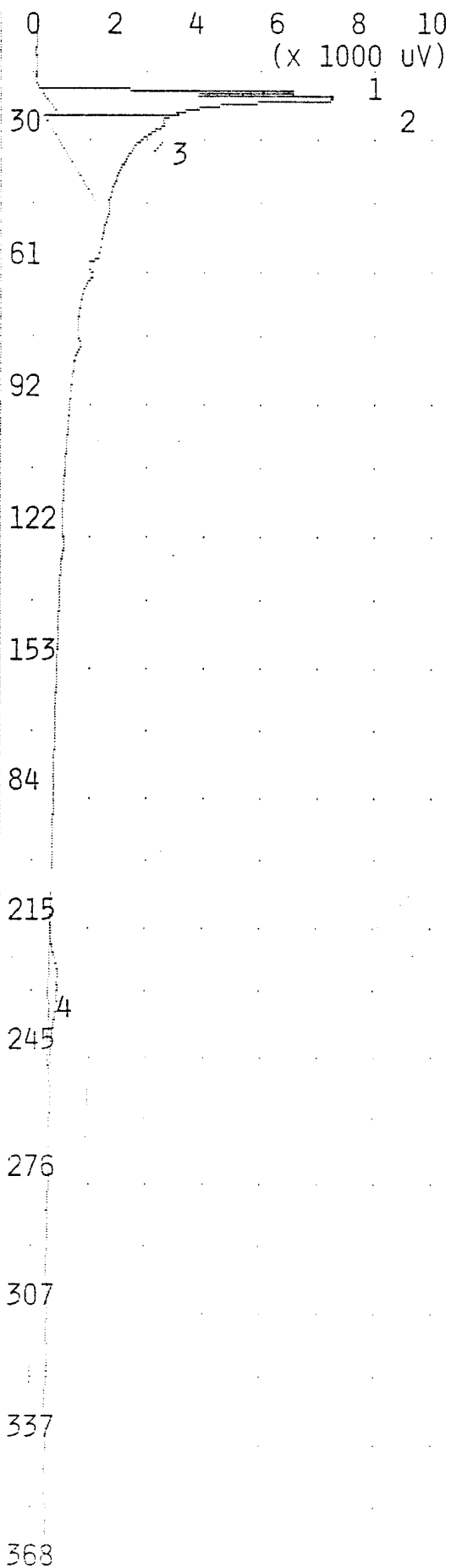
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.345 MVS	17.2
2	UNKNOWN	29.46 MVS	18.9
3	UNKNOWN	1.328 MVS	226.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
TS-003BH 8.0- 9.0

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 16:31
SAMPLE TIME: Nov 17,94 16:24

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.950 MVS	17.3
2	UNKNOWN	47.76 MVS	19.0
3	UNKNOWN	0.190 MVS	25.0
4	UNKNOWN	2.847 MVS	226.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
MSS-004BH 1.0-2.0

0 1 2 3 4 5
(x 10 mV)

TIME PRINTED: NOV 17,94 16:41

SAMPLE TIME: NOV 17,94 16:34

METHOD

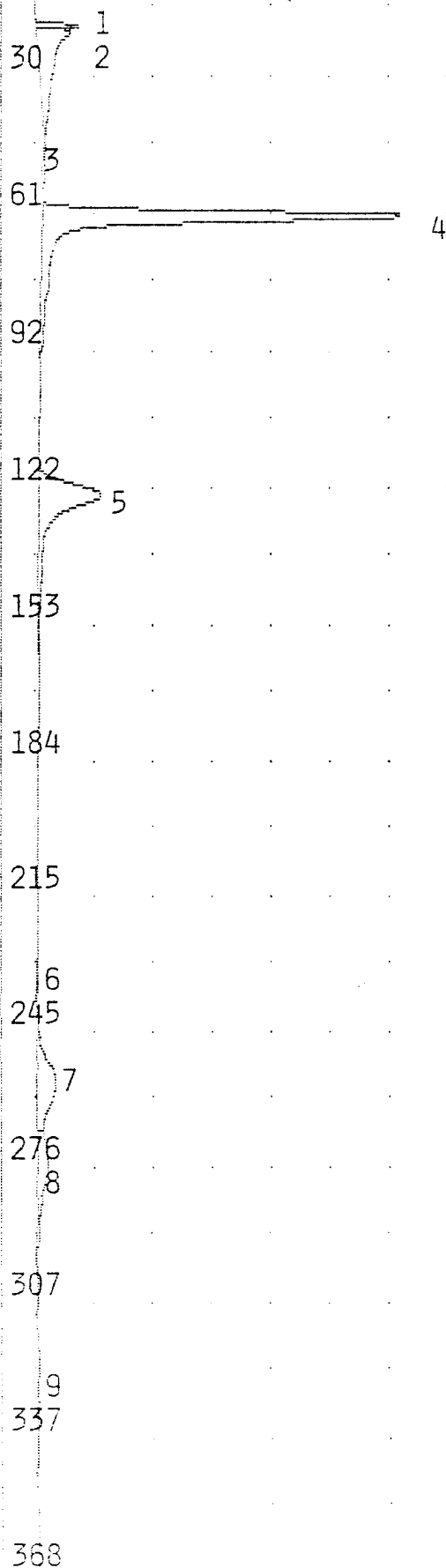
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

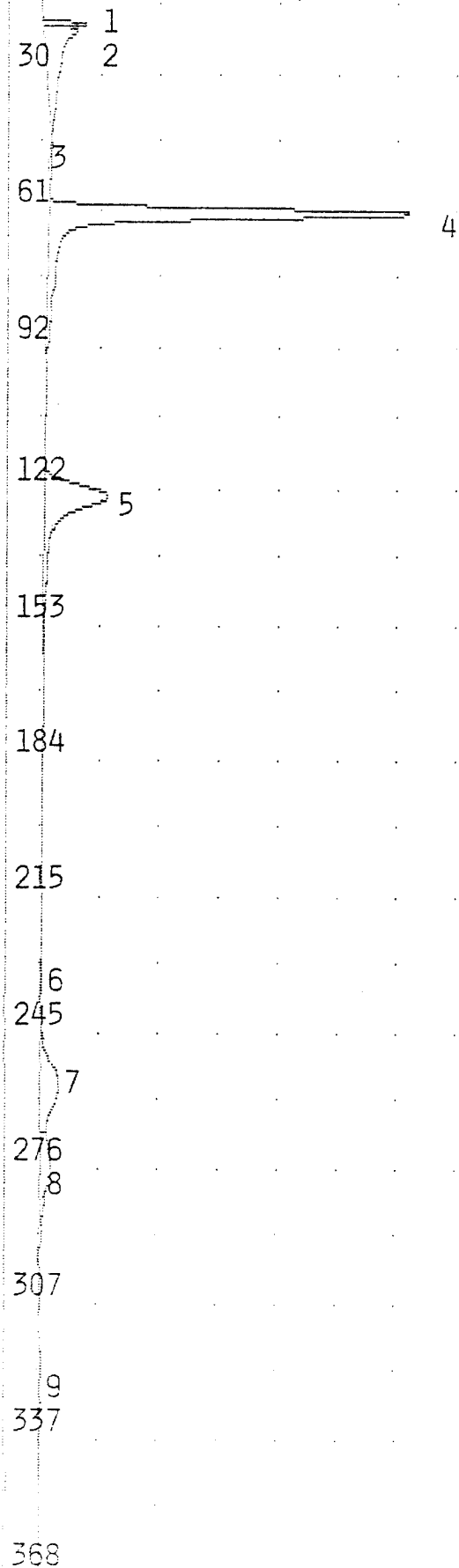
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.551 MVS	17.2
2	UNKNOWN	35.86 MVS	18.9
3	UNKNOWN	0.060 MVS	44.1
4	BENZENE	90.29 PPB	60.0
5	TOLUENE	82.71 PPB	122.4
6	UNKNOWN	0.641 MVS	225.4
7	ETHYLBENZENE	78.79 PPB	255.2
8	MP-XYLENE	143.7 PPB	274.1
9	O-XYLENE	71.43 PPB	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(x 10 MV)

TIME PRINTED: NOV 17,94 16:45

SAMPLE TIME: NOV 17,94 16:34

METHOD

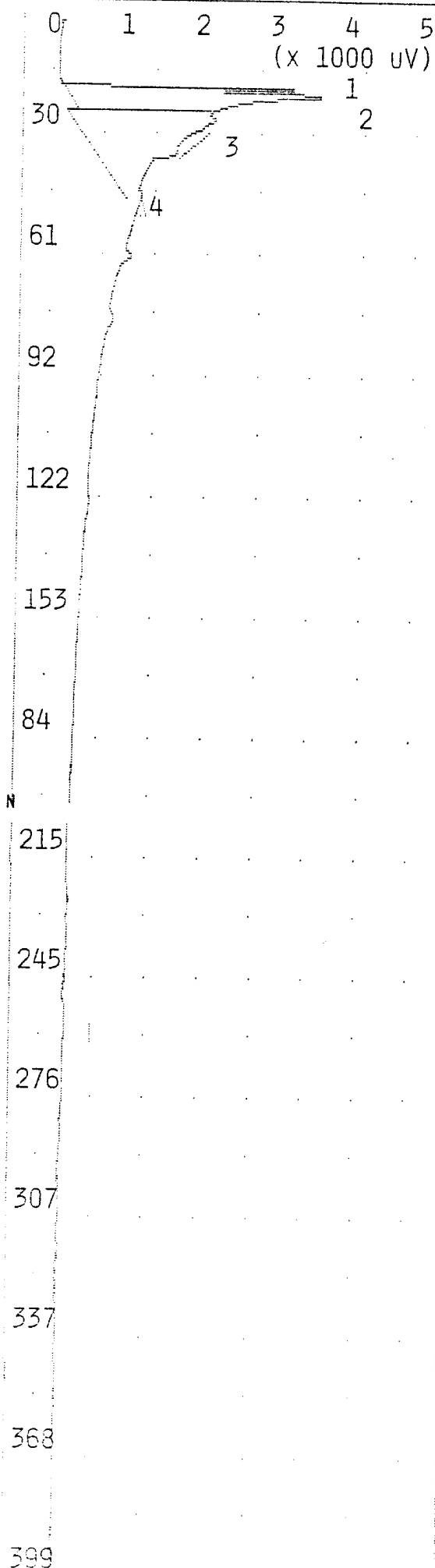
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.551 MVS	17.2
2	UNKNOWN	35.86 MVS	18.9
3	UNKNOWN	0.060 MVS	44.1
4	BENZENE	100.0 PPB	60.0
5	TOLUENE	100.0 PPB	122.4
6	UNKNOWN	0.641 MVS	225.4
7	ETHYLBENZENE	99.99 PPB	255.2
8	MP-XYLENE	199.9 PPB	274.1
9	O-XYLENE	100.0 PPB	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: Nov 17,94 16:55

SAMPLE TIME: Nov 17,94 16:48

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 30 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.401 MVS	17.3
2	UNKNOWN	29.46 MVS	19.0
3	UNKNOWN	1.253 MVS	25.2
4	UNKNOWN	0.051 MVS	43.8

NOTES

JOE BYRD, JR.
COOS BAY ANG'S
AIR BLANK

0 1 2 3 4 5
(x 10 MV)

TIME PRINTED: NOV 18,94 09:29

SAMPLE TIME: NOV 18,94 09:21

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 23 C

MAX GAIN 1000

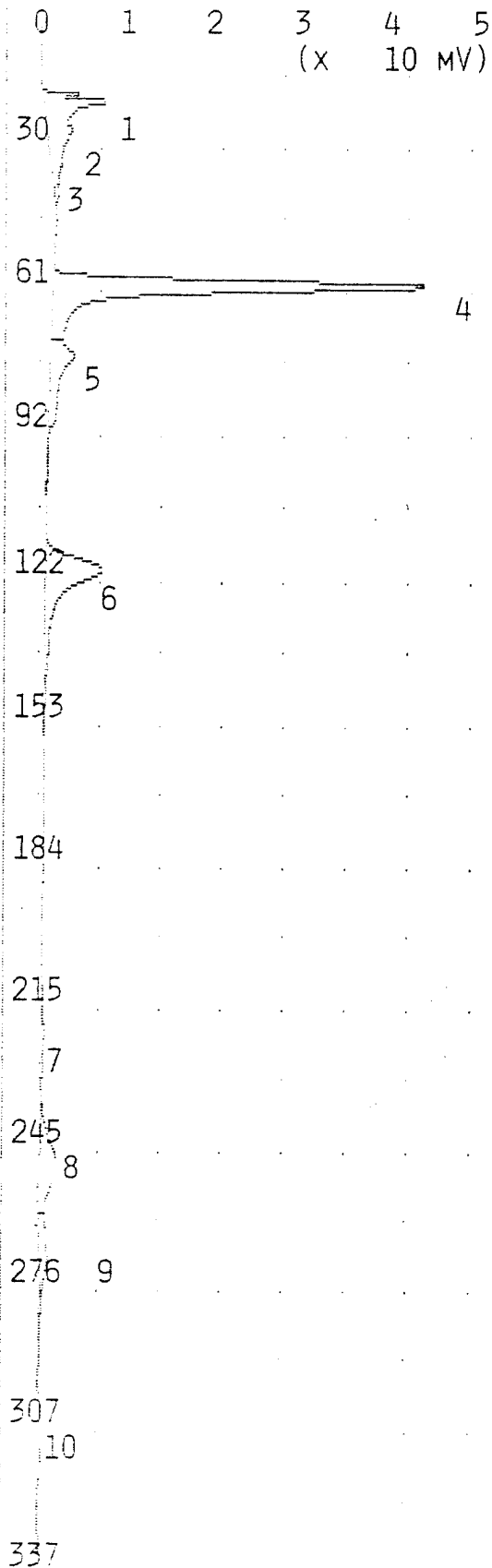
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	51.42 MVS	18.3
2	UNKNOWN	2.364 MVS	24.2
3	UNKNOWN	0.168 MVS	32.3
4	UNKNOWN	146.5 MVS	58.1
5	UNKNOWN	24.34 MVS	73.3
6	UNKNOWN	52.00 MVS	118.1
7	UNKNOWN	3.488 MVS	217.6
8	UNKNOWN	24.34 MVS	246.4
9	UNKNOWN	14.19 MVS	264.2
10	UNKNOWN	2.441 MVS	309.6

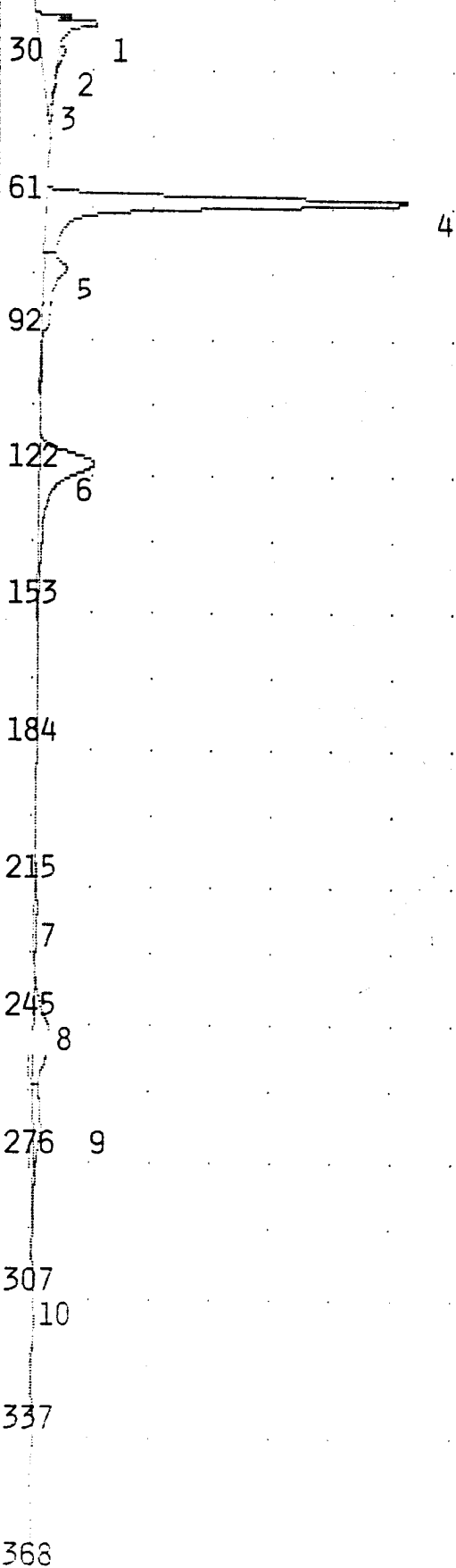
NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT

0 1 2 3 4 5
(x 10 MV)



TIME PRINTED: Nov 18,94 09:45

SAMPLE TIME: Nov 18,94 09:21

METHOD

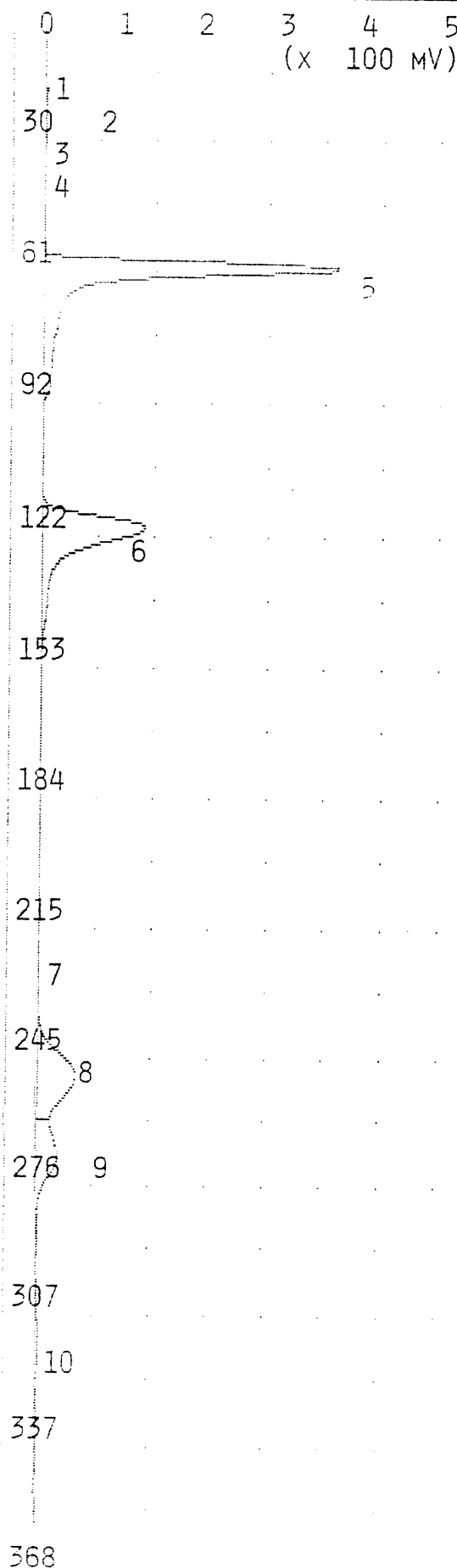
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 24 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	51.42 MVS	18.3
2	UNKNOWN	2.364 MVS	24.2
3	UNKNOWN	0.168 MVS	32.3
4	BENZENE	100.0 PPB	58.1
5	UNKNOWN	24.34 MVS	73.3
6	TOLUENE	100.0 PPB	118.1
7	UNKNOWN	3.488 MVS	217.6
8	ETHYLBENZENE	100.0 PPB	246.4
9	MP-XYLENE	200.0 PPB	264.2
10	O-XYLENE	100.0 PPB	309.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
100 PPB BTEX



TIME PRINTED: Nov 18,94 09:57

SAMPLE TIME: Nov 18,94 09:50

METHOD

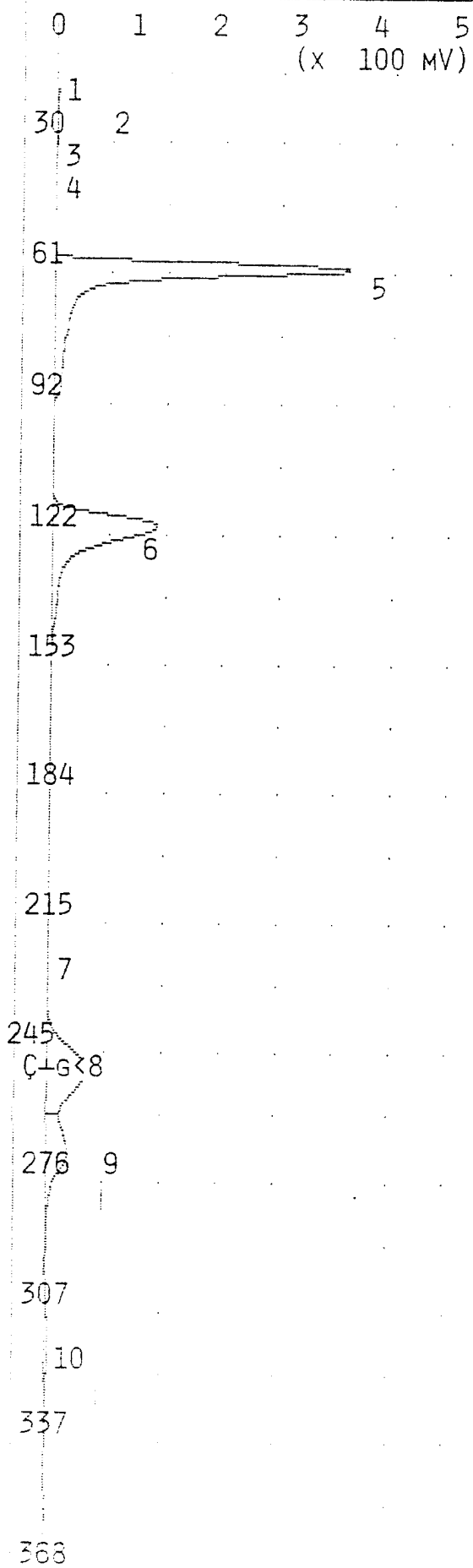
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 24 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.502 MVS	16.9
2	UNKNOWN	11.92 MVS	18.4
3	UNKNOWN	9.629 MVS	24.4
4	UNKNOWN	1.686 MVS	32.4
5	BENZENE	1.246 PPM	58.8
6	TOLUENE	2.099 PPM	118.6
7	UNKNOWN	0.878 MVS	217.8
8	ETHYLBENZENE	2.663 PPM	248.0
9	MP-XYLENE	5.257 PPM	266.4
10	O-XYLENE	3.714 PPM	313.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
1 PPM BTEX



TIME PRINTED: Nov 18,94 10:01

SAMPLE TIME: Nov 18,94 09:50

METHOD

SLOPE UP 0.500 MV/SEC
 SLOPE DOWN 1.500 MV/SEC
 MIN AREA 0.000 MVSEC
 MIN HEIGHT 0.000 MV
 ANALYSIS DELAY 0.0 SEC
 WINDOW PERCENT 10.0 %
 DET FLOW 13 ML/MIN
 B/F FLOW 13 ML/MIN
 AUX FLOW 0 ML/MIN
 OVEN TEMP 40 C
 AMB TEMP 25 C
 MAX GAIN 1000
 ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.502 MVS	16.9
2	UNKNOWN	11.92 MVS	18.4
3	UNKNOWN	9.629 MVS	24.4
4	UNKNOWN	1.686 MVS	32.4
5	BENZENE	1.000 PPM	58.8
6	TOLUENE	1.000 PPM	118.6
7	UNKNOWN	0.878 MVS	217.8
8	ETHYLBENZENE	1.000 PPM	248.0
9	MP-XYLENE	2.000 PPM	266.4
10	O-XYLENE	1.000 PPM	313.0

NOTES

JOE BYRD, JR.
 COOS BAY ANG
 1 PPM BTEX

0 2 4 6 8 10
(x 100 MV)

TIME PRINTED: NOV 18,94 10:12

SAMPLE TIME: NOV 18,94 10:05

METHOD

SLOPE UP 0.500 MV/SEC

SLOPE DOWN 1.500 MV/SEC

MIN AREA 0.000 MVSEC

MIN HEIGHT 0.000 MV

ANALYSIS DELAY 0.0 SEC

WINDOW PERCENT 10.0 %

DET FLOW 13 ML/MIN

B/F FLOW 13 ML/MIN

AUX FLOW 0 ML/MIN

OVEN TEMP 40 C

AMB TEMP 25 C

MAX GAIN 1000

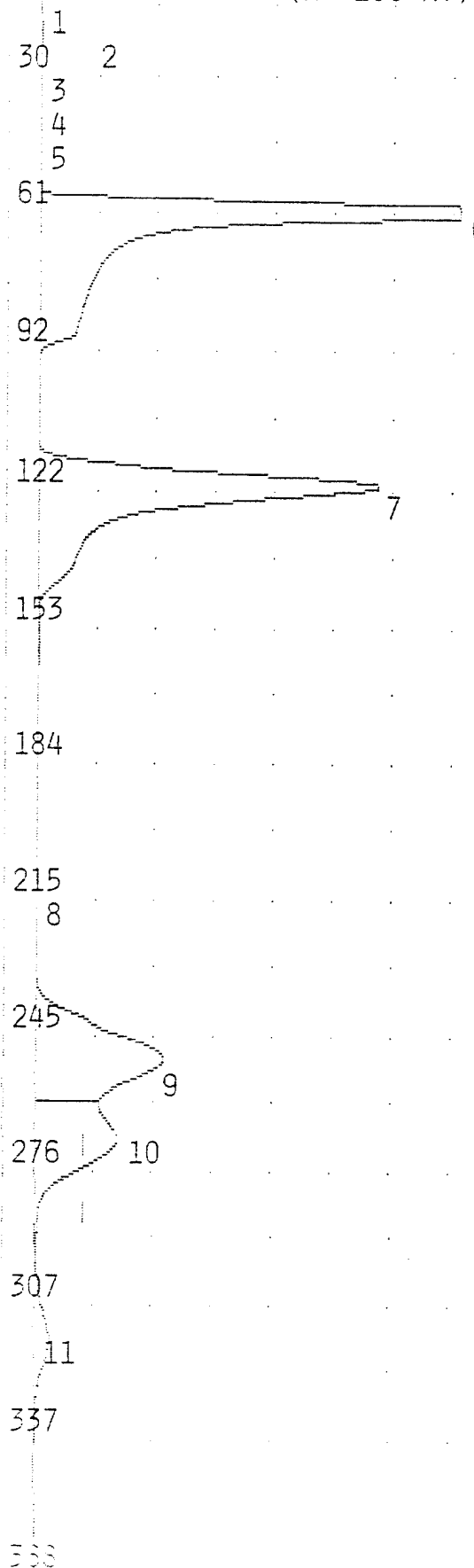
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.410 MVS	16.8
2	UNKNOWN	65.21 MVS	18.4
3	UNKNOWN	0.594 MVS	24.2
4	UNKNOWN	0.153 MVS	32.6
5	UNKNOWN	0.863 MVS	43.7
6	BENZENE	6.358 PPM	59.1
7	TOLUENE	6.922 PPM	119.6
8	UNKNOWN	2.261 MVS	214.6
9	ETHYLBENZENE	6.773 PPM	248.5
10	MP-XYLENE	15.10 PPM	266.6
11	O-XYLENE	6.549 PPM	312.5

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
10 PPM BTEX



TIME PRINTED: NOV 18,94 10:17

SAMPLE TIME: NOV 18,94 10:05

METHOD

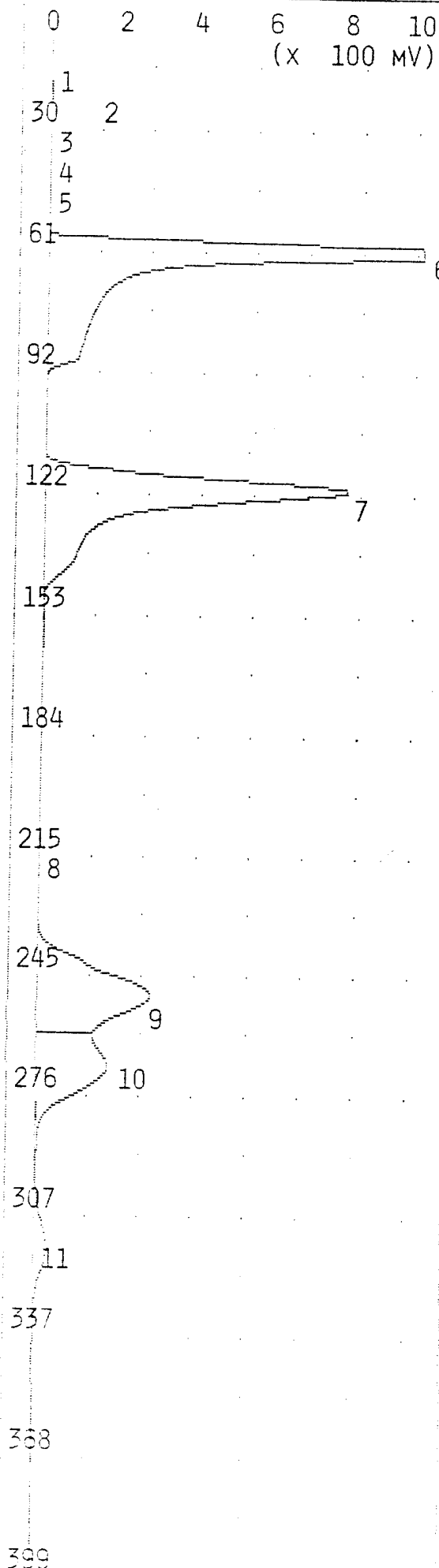
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 25 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.410 MVS	16.8
2	UNKNOWN	65.30 MVS	18.4
3	UNKNOWN	0.594 MVS	24.2
4	UNKNOWN	0.153 MVS	32.6
5	UNKNOWN	0.863 MVS	43.7
6	BENZENE	10.00 PPM	59.1
7	TOLUENE	10.00 PPM	119.6
8	UNKNOWN	2.261 MVS	214.6
9	ETHYLBENZENE	10.00 PPM	248.5
10	MP-XYLENE	20.00 PPM	266.6
11	O-XYLENE	10.03 PPM	312.5

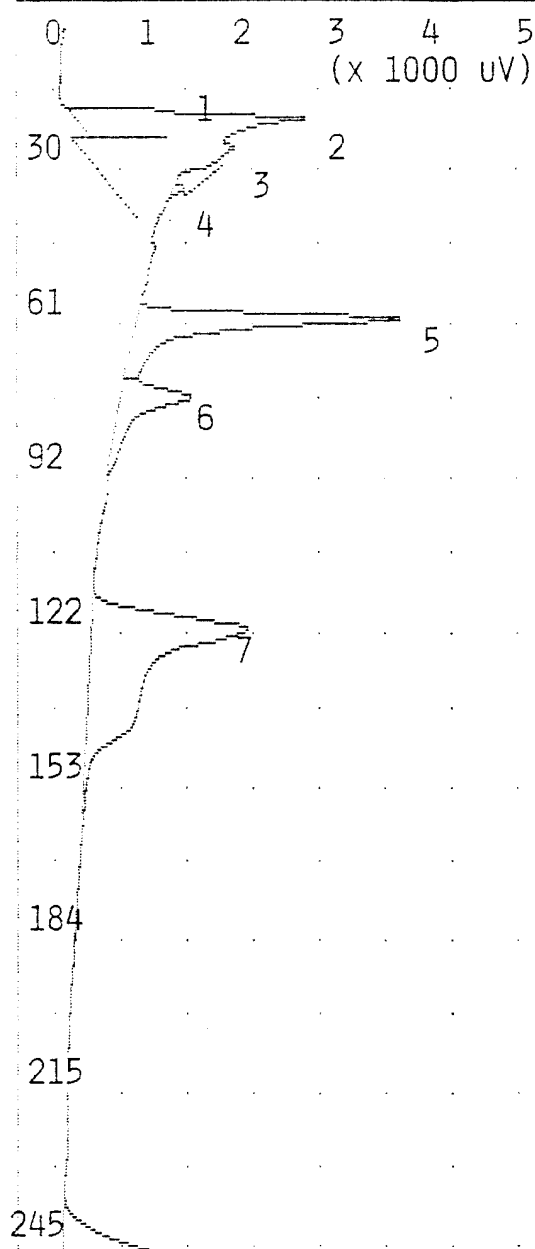
NOTES

JOE BYRD, JR.
COOS BAY ANG
10 PPM BTEX



ANALYSIS #4

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 10:27

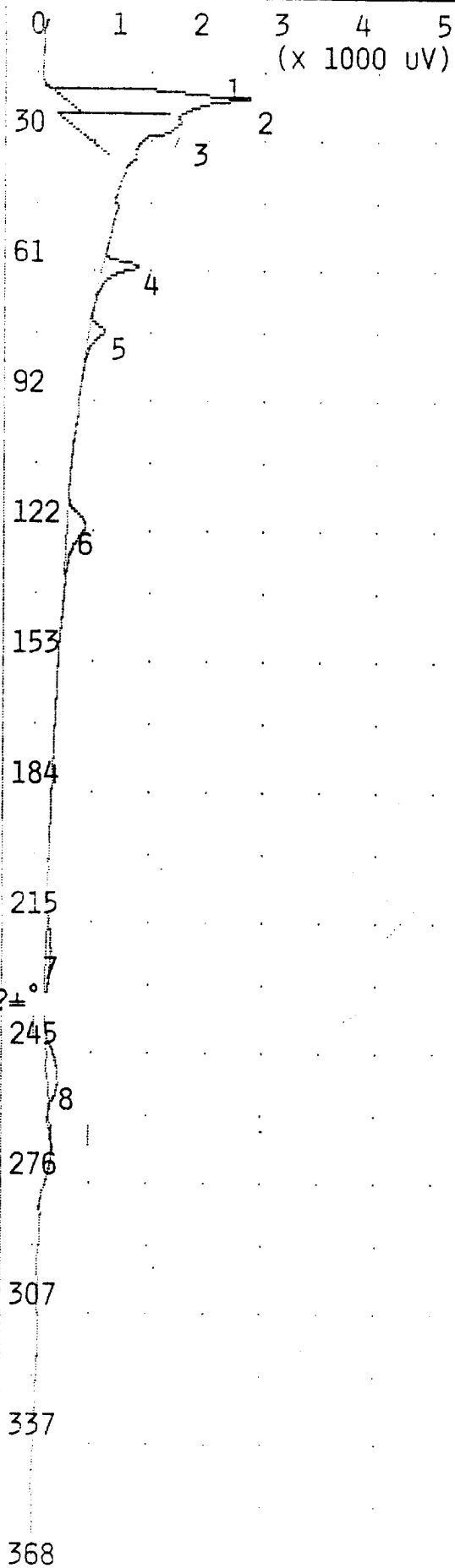
SAMPLE TIME: NOV 18,94 10:20

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.172 MVS	17.0
2	UNKNOWN	19.51 MVS	18.4
3	UNKNOWN	0.990 MVS	24.3
4	UNKNOWN	0.176 MVS	32.4
5	BENZENE	7.479 PPB	58.5
6	UNKNOWN	4.405 MVS	74.0
7	TOLUENE	41.48 PPB	119.8
8	ETHYLBENZENE	95.31 PPB	250.1
9	MP-XYLENE	207.6 PPB	267.7
10	O-XYLENE	97.20 PPB	313.3



TIME PRINTED: NOV 18,94 10:38

SAMPLE TIME: NOV 18,94 10:31

METHOD

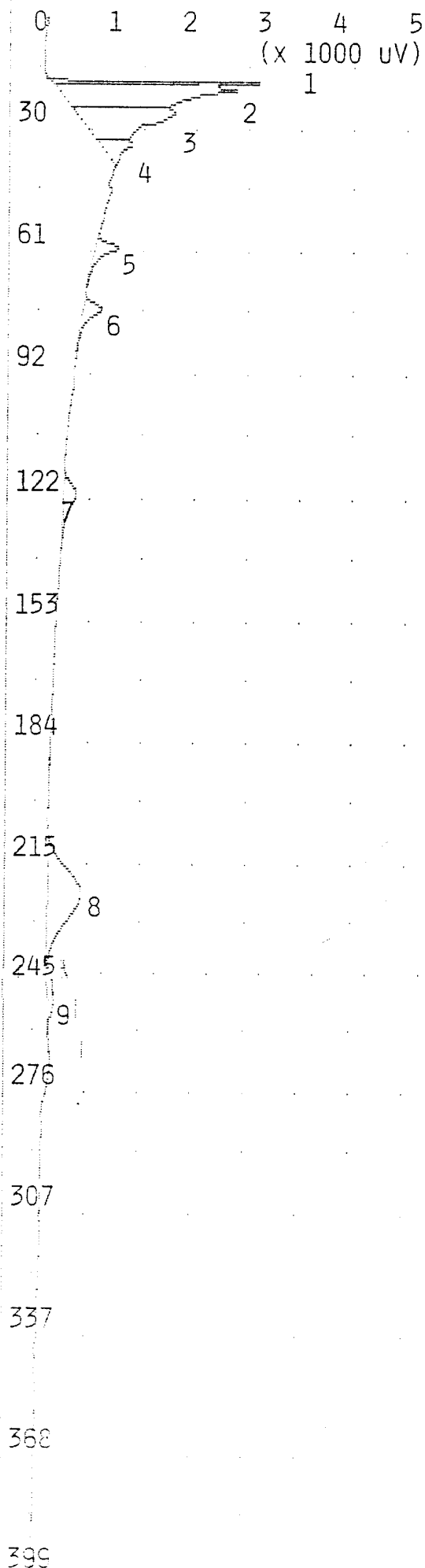
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.858 MVS	17.0
2	UNKNOWN	14.12 MVS	18.6
3	UNKNOWN	0.082 MVS	24.2
4	BENZENE	1.077 PPB	58.6
5	UNKNOWN	0.811 MVS	74.0
6	TOLUENE	3.094 PPB	119.4
7	UNKNOWN	0.729 MVS	219.4
8	ETHYLBENZENE	6.210 PPB	248.8

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
SF-001BH 1.0-2.0



TIME PRINTED: NOV 18,94 10:49

SAMPLE TIME: NOV 18,94 10:42

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 26 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.240 MVS	16.8
2	UNKNOWN	10.34 MVS	18.5
3	UNKNOWN	7.345 MVS	24.4
4	UNKNOWN	1.348 MVS	32.6
5	BENZENE	0.716 PPB	58.5
6	UNKNOWN	0.935 MVS	74.2
7	TOLUENE	2.200 PPB	119.4
8	UNKNOWN	6.889 MVS	220.4
9	ETHYLBENZENE	3.492 PPB	249.8

NOTES

JOE BYRD, JR.
COOS BAY ANGCS
SF-003BH 5.5-6.5

0 1 2 3 4 5
(x 1000 uV)

TIME PRINTED: Nov 18,94 10:59

SAMPLE TIME: Nov 18,94 10:52

METHOD

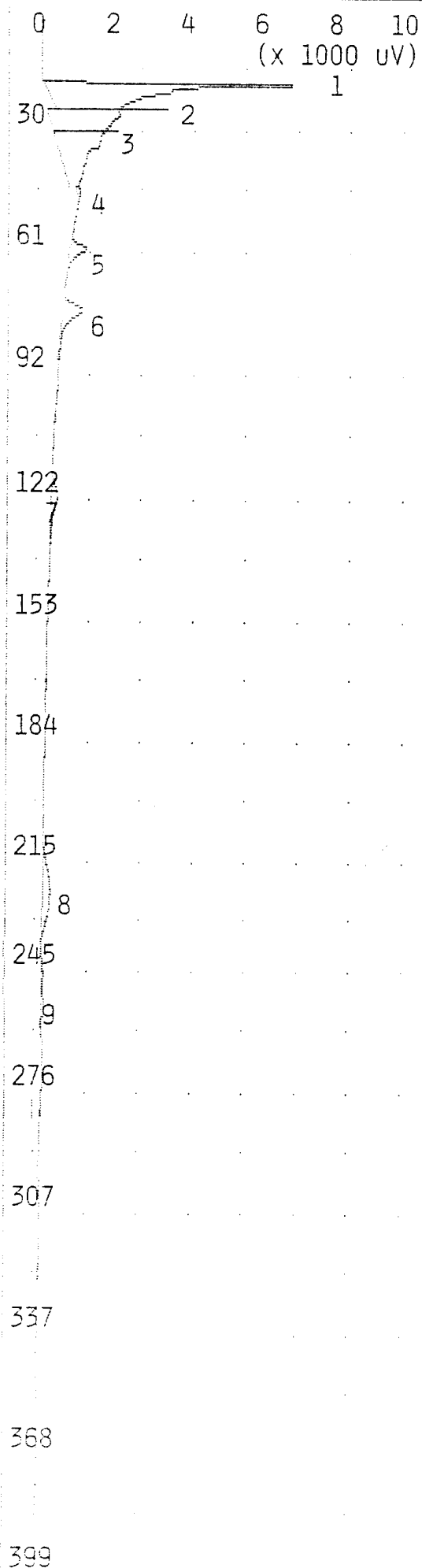
SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.946 MVS	16.8
2	UNKNOWN	12.63 MVS	18.4
3	UNKNOWN	8.302 MVS	24.2
4	UNKNOWN	8.046 MVS	30.5
5	BENZENE	0.717 PPB	58.8
6	UNKNOWN	2.162 MVS	74.2
7	TOLUENE	1.758 PPB	119.2
8	UNKNOWN	3.949 MVS	220.4
9	ETHYLBENZENE	1.866 PPB	248.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
TS-002BH 8.0-9.0



TIME PRINTED: NOV 18,94 11:10

SAMPLE TIME: NOV 18,94 11:03

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

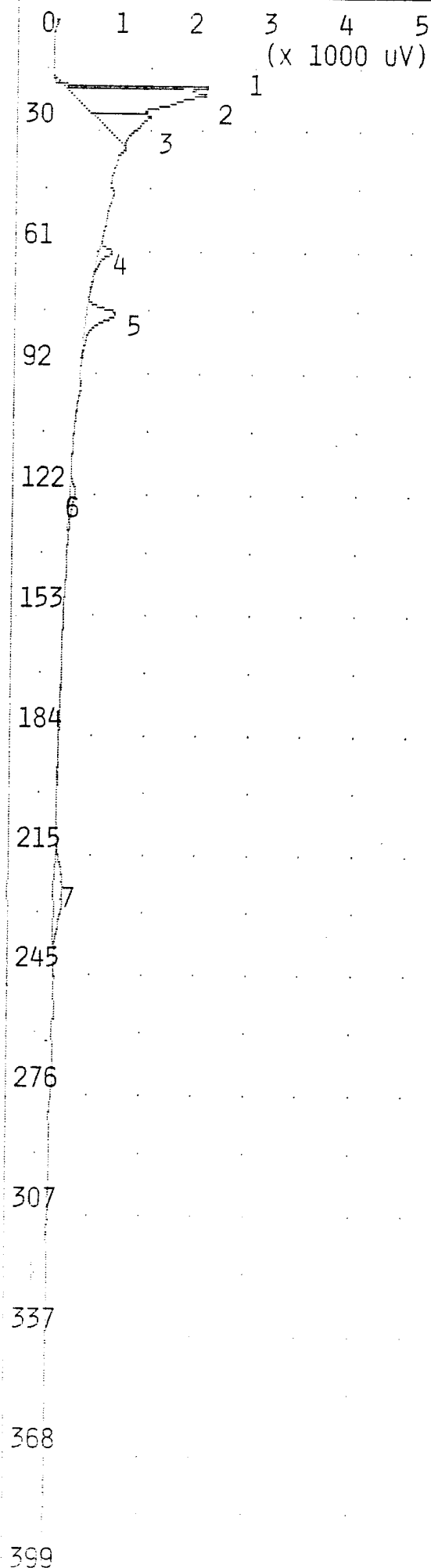
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.949 MVS	16.8
2	UNKNOWN	14.11 MVS	18.4
3	UNKNOWN	16.48 MVS	24.3
4	UNKNOWN	0.224 MVS	44.0
5	BENZENE	0.923 PPB	58.7
6	UNKNOWN	2.042 MVS	74.1
7	TOLUENE	2.072 PPB	120.0
8	UNKNOWN	2.848 MVS	220.2
9	ETHYLBENZENE	2.004 PPB	248.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
A40-003BH 1.0-2.0

ANALYSIS #9

10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 11:20

SAMPLE TIME: Nov 18,94 11:13

METHOD

SLOPE UP 0.500 MV/SEC
SLOPE DOWN 1.500 MV/SEC
MIN AREA 0.000 MVSEC
MIN HEIGHT 0.000 MV
ANALYSIS DELAY 0.0 SEC
WINDOW PERCENT 10.0 %
DET FLOW 13 ML/MIN
B/F FLOW 13 ML/MIN
AUX FLOW 0 ML/MIN
OVEN TEMP 40 C
AMB TEMP 27 C
MAX GAIN 1000
ANALYSIS TIME 430.0 SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.343 MVS	17.4
2	UNKNOWN	7.888 MVS	19.1
3	UNKNOWN	3.296 MVS	25.2
4	BENZENE	0.416 PPB	59.4
5	UNKNOWN	1.704 MVS	75.2
6	TOLUENE	0.804 PPB	121.2
7	UNKNOWN	1.615 MVS	221.6

NOTES

JOE BYRD, JR.
COOS BAY AN S
SF-002BH 5.0-6.0

APPENDIX D

PIEZOMETER CONSTRUCTION DIAGRAMS

Project: COOS BAY PA/SI

Town/City: CHARLESTON, OREGON

County: COOS State: OREGON

TOC Elev: 150.00 FT.

Ground Elev.: 148.23 FT.

Water Level: 40.54 FT. FROM TOC

Total Well Depth: 39.5 FT.

Date Installed: 11/14/94

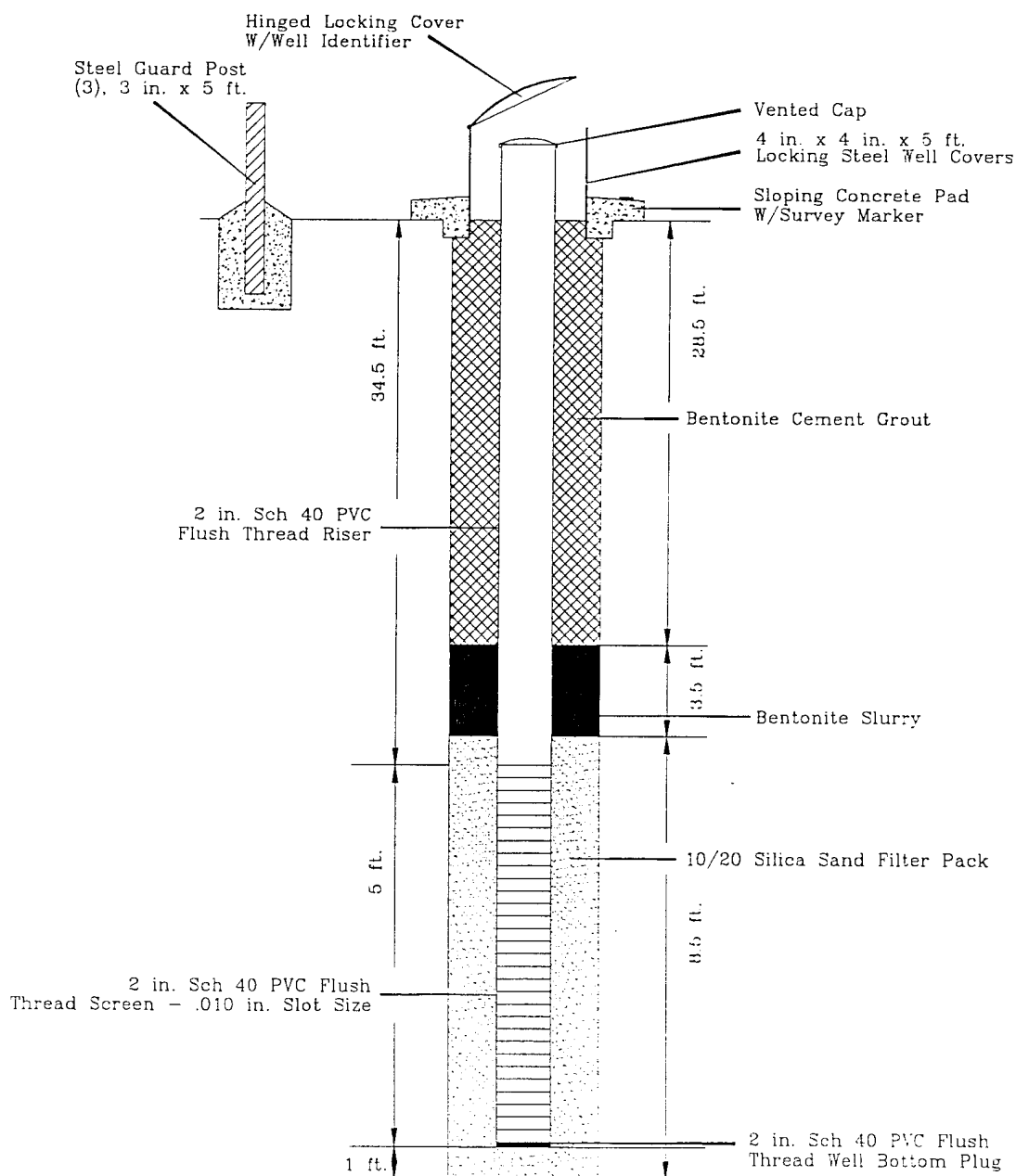
Drilling Contractor: CASCADE DRILLING

Drilling Method: HOLLOW-STEM AUGER

Borehole Diameter: 9 INCHES

Development Technique: BAILER

Not To Scale



PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-001PZ

CPTech
OPERATIONAL TECHNOLOGIES
CORPORATION

JANUARY 1995

COOS/MONLOG

Project: COOS BAY PA/SI

Town/City: CHARLESTON, OREGON

County: COOS State: OREGON

TOC Elev: 131.21 FT.

Ground Elev.: 129.48 FT.

Water Level: 27.23 FT. FROM TOC

Total Well Depth: 34.0 FT.

Date Installed: 11/14/94

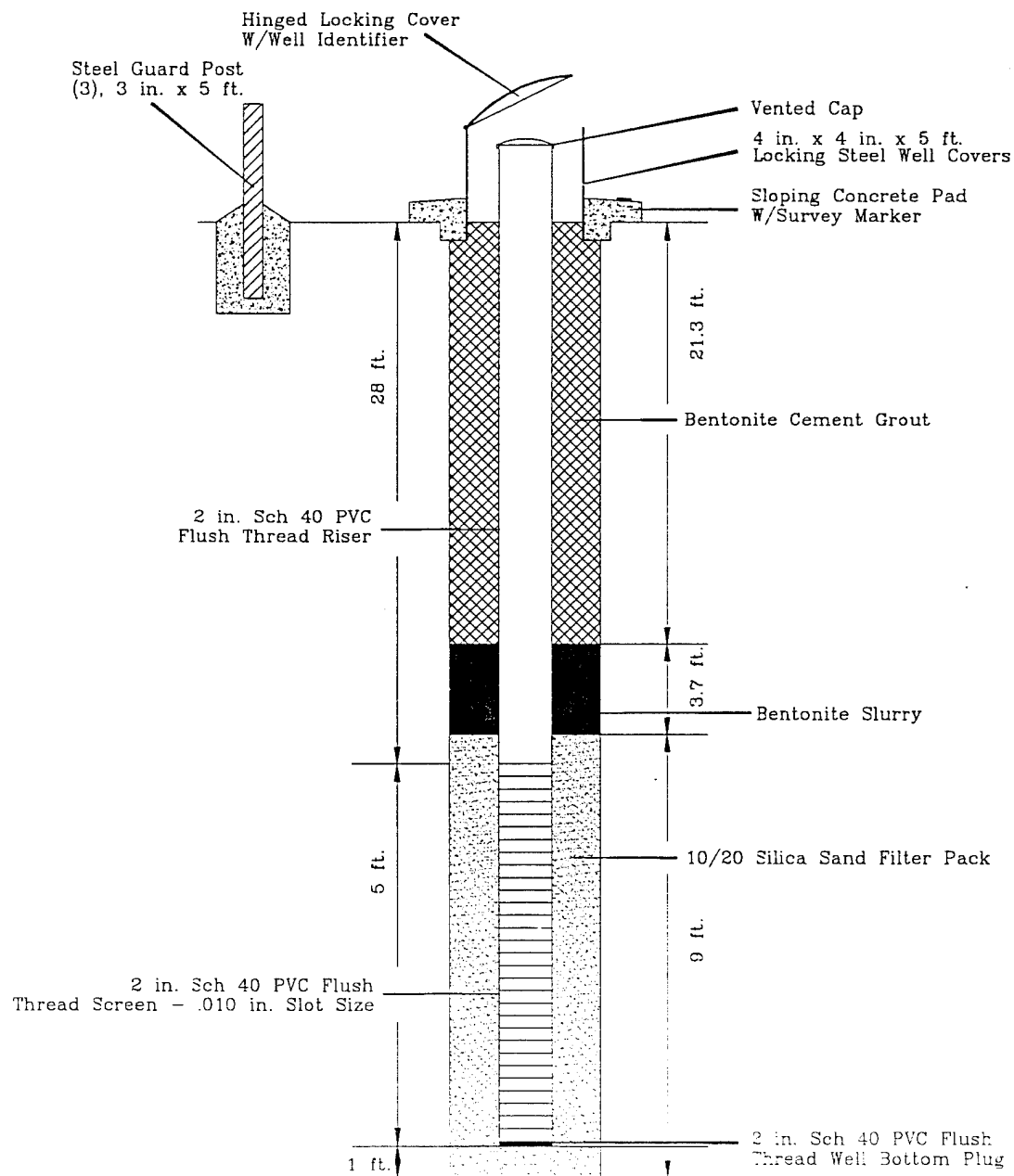
Drilling Contractor: CASCADE DRILLING

Drilling Method: HOLLOW-STEM AUGER

Borehole Diameter: 9 INCHES

Development Technique: BAILER

Not To Scale



PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-002PZ

OPTTECH
OPERATIONAL TECHNOLOGIES
CORPORATION

JANUARY 1995

COOS/MONLOG2

Project: COOS BAY PA/SI

Town/City: CHARLESTON, OREGON

County: COOS State: OREGON

TOC Elev: 105.63 FT.

Ground Elev.: 103.34 FT.

Water Level: 19.22 FT. FROM TOC

Total Well Depth: 28 FT.

Date Installed: 11/11/94

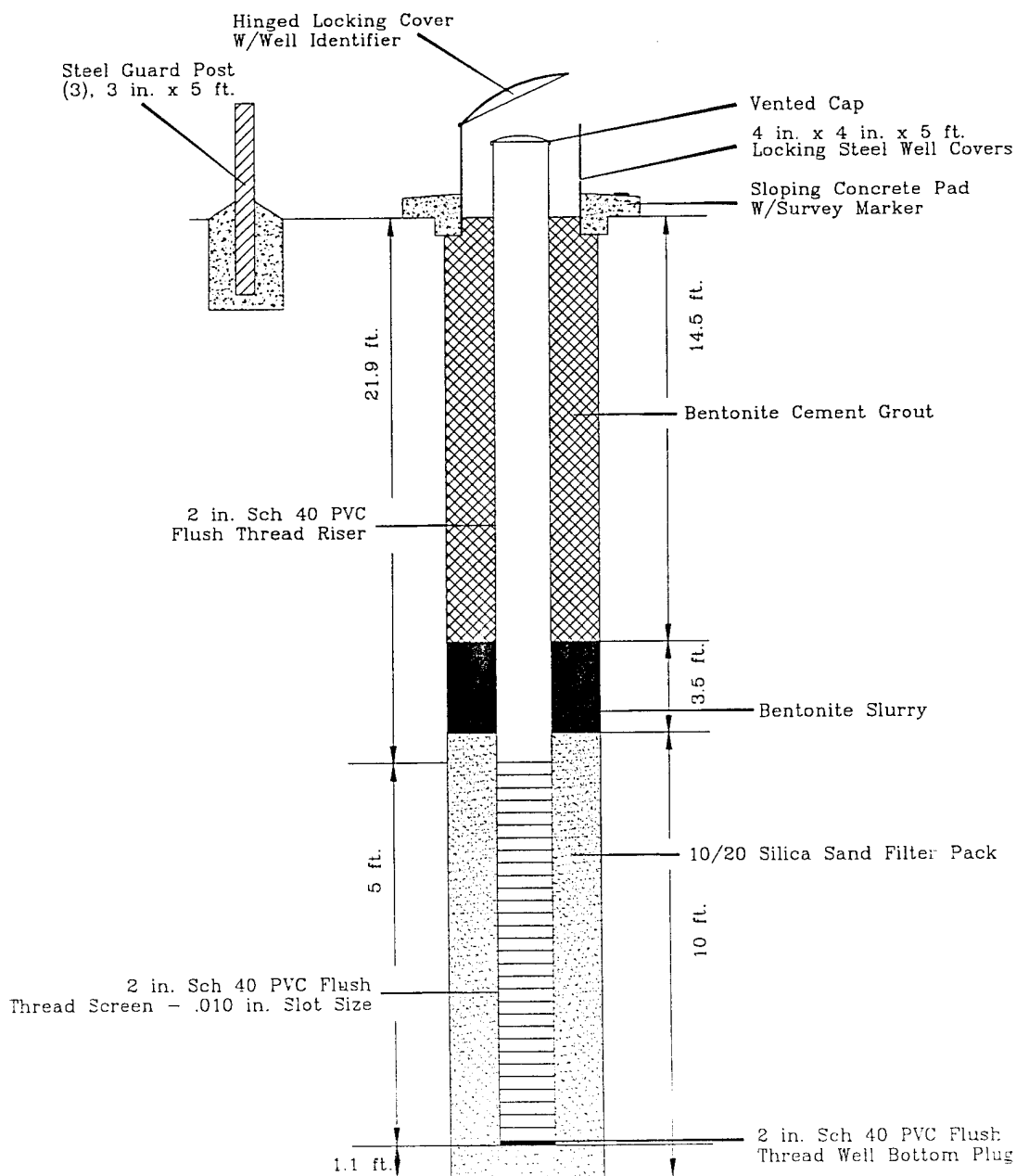
Drilling Contractor: CASCADE DRILLING

Drilling Method: HOLLOW-STEM AUGER

Borehole Diameter: 9 INCHES

Development Technique: BAILER

Not To Scale



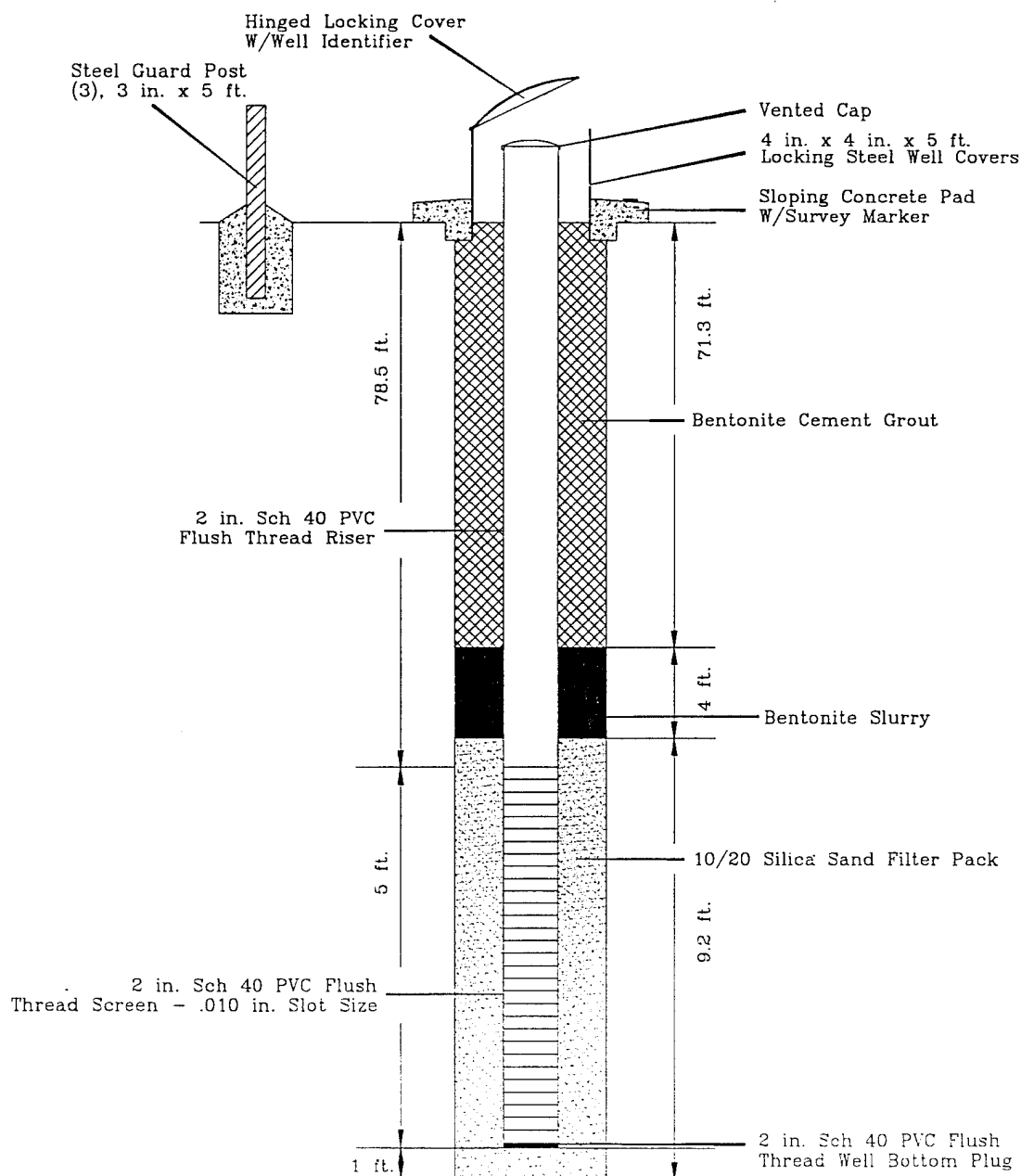
PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-003PZ

OPTTECH
OPERATIONAL TECHNOLOGIES
CORPORATION

JANUARY 1995

COOS/MONLOG3

Project:	COOS BAY PA/SI	Date Installed:	11/12/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	97.15 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	95.59 FT.	Development Technique:	BAILER
Water Level:	69.01 FT. FROM TOC		
Total Well Depth:	84.5 FT.		Not To Scale



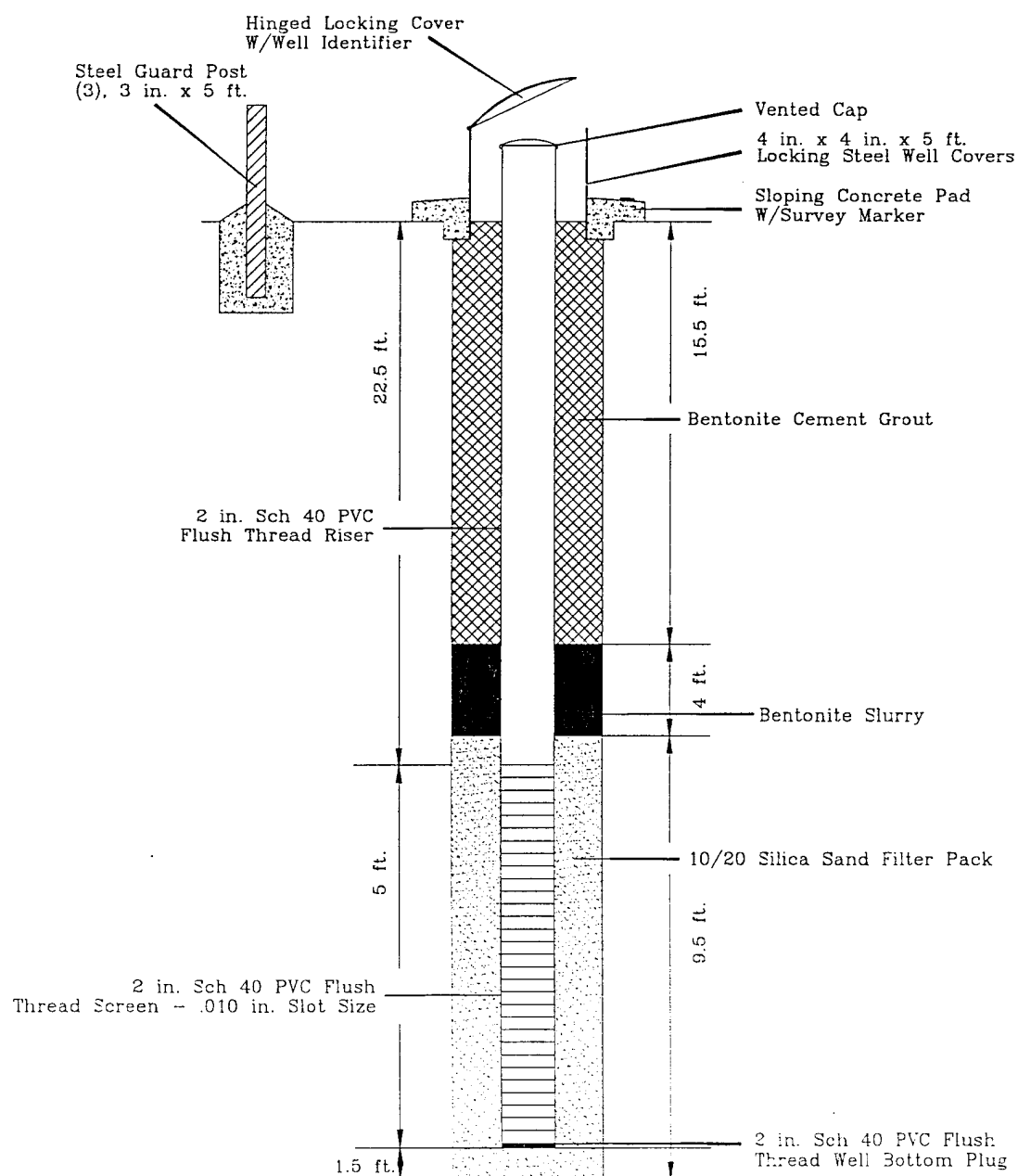
PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-004PZ

OPTTECH
OPERATIONAL TECHNOLOGIES
CORPORATION

JANUARY 1995

COOS/MONLOG4

Project:	COOS BAY PA/SI	Date Installed:	11/15/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	110.59 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	110.92 FT.	Development Technique:	BAILER
Water Level:	18.18 FT. FROM TOC		
Total Well Depth:	29 FT.		Not To Scale



PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-005PZ

OPTTECH
OPERATIONAL TECHNOLOGIES
CORPORATION

JANUARY 1995

COOS/MON/005